

DEPARTMENT OF RAILWAYS AND CANALS

CANAL STATISTICS

FOR THE

SEASON OF NAVIGATION

1905

PRINTED BY ORDER OF PARLIAMENT



OTTAWA

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1906

CANAL STATISTICS

FOR

SEASON OF NAVIGATION, 1905.

For the season of navigation of 1904 and 1905, all the canals were declared free, consequently no tolls were collected for the present year. The statistics as compiled show the Revenue as it would appear if tolls had been collected.

Both the revenue and tonnage show a large increase on all the canals for the present year, as per statements herewith presented.

REVENUE.

The total revenue, exclusive of hydraulic rents for two years, is as follows :—

For 1904	\$ 291,676 97
For 1905	356,405 68

By comparing the statistics of 1904 with 1905, it will be seen that the gross revenue has increased \$64,728.71.

The increases and decreases are as follows :—

	Increase.	Decrease.
On the Welland Canal.....	\$ 39,890 82	.....
" St. Lawrence Canals.....	16,227 12	.....
" Chambly Canal	931 01	.....
" Ottawa Canals.	6,744 31	.....
" Rideau Canals.....	748 19	.....
" St. Peter's Canal.	146 21	.....
" Trent Valley Canals.....		67 02
" Murray Canal	108 07	.....
" Sault Ste. Marie Canal .....		.....
Total.....	\$ 64,795 73	67 02
Total increase.		\$ 64,728 71

STATEMENT of the Revenue, together with the increases and decreases of all the Canals for the seasons of Navigation from 1891 to 1905, inclusive.

1891.....	\$ 350,351 97	\$ 2,292 46	.....
1892	358,711 04	8,359 07	.....
1893.....	348,012 00	.....	\$ 10,699 04
1894.....	307,824 67	.....	40,187 33
1895.....	283,211 41	.....	24,613 26
1896.....	350,061 03	66,849 62	.....
1897.....	346,758 87	.....	3,302 16
1898.....	341,679 23	.....	5,079 64
1899.....	291,652 37	.....	50,026 86
1900.....	269,116 25	.....	22,536 12
1901.....	250,949 57	.....	18,166 68
1902.....	227,577 93	.....	23,371 64
1903.....	333,086 86	105,518 93	.....
1904.....	291,676 97	.....	41,419 89
1905.....	356,405 68	64,728 71	.....

GRAIN PASSED DOWN WELLAND.

The quantity of barley, corn, oats, pease, rye and wheat passed down the Welland Canal, from ports west of Port Colborne for a period of twenty four years is as follows :—

QUANTITY PASSED DOWN TO MONTREAL.		QUANTITY ON WHICH FULL TOLLS WERE PAID. (Free for 1904.)	
		To ports in Ontario.	Quantity from U.S. Ports to U.S. Ports.
	Tons.	Tons.	Tons.
1882.....	180,694	.....	63,881
1883.....	186,814	10,650	121,876
1884.....	142,194	12,153	104,537
1885.....	96,569	11,909	117,346
1886.....	203,940	9,881	151,551
1887.....	185,034	11,838	134,868
1888.....	160,358	25,599	169,664
1889.....	267,769	19,075	213,766
1890.....	288,513	16,899	245,932
1891.....	295,509	6,805	202,710
1892.....	261,954	8,942	201,540
1893.....	501,806	25,555	222,958
1894.....	273,651	16,699	203,979
1895.....	231,491	32,096	133,823
1896.....	461,049	73,386	160,372
1897.....	* 560,254	53,257	157,756
1898.....	519,532	31,279	144,612
1899.....	332,746	40,197	68,011
1900.....	244,661	17,525	84,589
1901.....	151,566	13,732	83,370
1902.....	208,215	22,787	81,164
1903.....	351,936	29,062	111,828
1904.....	198,246	23,711	102,523
1905.....	341,431	42,061	129,270

* Of the quantity of grain passed down to Montreal there were transhipped at Ogdensburg, in 1891, 17,817 tons ; in 1892. 4,341 tons ; in 1893, 71,445 tons ; in 1894, 23,030 tons ; in 1895, 18,987 tons ; in 1896, 77,355 tons ; in 1897, 89,659 tons ; in 1898, 40,257 tons ; in 1899, 48,828 tons ; in 1900, 38,403 tons ; in 1901, 17,387 tons ; in 1902, 34,060 tons ; in 1903, 40,641 tons ; none in 1904 and none in 1905.

The tolls on grain for passage through the Welland Canal prior to 1884 were 20 cents a ton ; since that date, however, reductions have been made by Orders in Council from year to year as follows :—Upon the urgent request of forwarders and others interested in the grain trade, a reduction was made of one-half the usual rate of tolls on grain passing down the Welland Canal and the St. Lawrence Canals to Montreal ; and in 1885 tolls were reduced to 2 cents a ton, and thereafter from year to year, including 1891.

In 1892 the tolls were reduced to 2 cents a ton on grain passed down the Welland and St. Lawrence Canals and exported, and in such cases only.

In 1893 by Order in Council of February 13, the tolls were reduced to 10 cents a ton on grain passing eastward through the Welland Canal. irrespective of its destination, and the same rate of tolls for 1894 were allowed by O.C., April 16, 1894.

For the year 1895 (O.C., April 1, 1895), the same rate of tolls was allowed as was granted for the year 1894.

For the year 1896 (O.C., April 23, 1896), the same rate of tolls was allowed as was granted for the year 1895.

For the year 1897 (O.C., April 17, 1897), the same rate of tolls was allowed as was granted for the year 1896.

For the year 1898 (O.C., June 1, 1898), the same rate of tolls was allowed as was granted for the year 1897.

SESSIONAL PAPER No. 20a

For the year 1899 (O.C., April 10, 1899), the same rate of tolls was allowed as was granted for the year 1898.

For the year 1900 (O.C., February 20, 1900), the same rate of tolls was allowed as was granted for the year 1899.

For the year 1901 (O.C., May 3, 1901), the same rate of tolls was allowed as was granted for the year 1900.

For the year 1902 (O.C., April 1, 1902), the same rate of tolls was allowed as was granted for the year 1901.

For the year 1903 the canals were declared free of tolls. O.C., April 27, 1903.

For the year 1904 the canals were declared free of tolls. O.C., April 27, 1903.

For the year 1905 the canals were declared free of tolls. O.C., April 27, 1903.

The rate through the St. Lawrence Canals only was 10 cents a ton.

It may be remarked that goods having paid full tolls on the Welland Canal are allowed to pass down the St. Lawrence Canals to Montreal free from payment of any further tolls.

During the last decade the quantity of agricultural products as above, passed down the Welland and St. Lawrence Canals to Montreal, has decreased from 461,049 tons in 1896 to 341,431 tons in 1905 and the quantity passed down the Welland Canal from United States ports to United States, has decreased from 160,372 to 129,270 tons for the same years.

The quantity of barley, buckwheat, corn, oats, pease, rye and wheat, arrived at Montreal via Grand Trunk and Canadian Pacific Railways for a period of 13 years, is reported as follows:—

	Tons.
For 1893.....	147,610
1894.....	60,666
1895.....	51,114
1896.....	153,717
1897.....	228,611
1898.....	293,391
1899.....	209,170
1900.....	229,624
1901.....	227,700
1902.....	263,861
1903.....	253,959
1904.....	154,625
1905.....	148,377

The quantity of the same articles passed down the whole length of the St. Lawrence Canals to Montreal for the same period was:—

	Tons.
For 1893.....	532,084
1894.....	288,015
1895.....	247,550
1896.....	495,898
1897.....	604,200
1898.....	575,097
1899.....	372,291
1900.....	295,928
1901.....	203,316
1902.....	242,225
1903.....	400,057
1904.....	220,076
1905.....	375,630

6-7 EDWARD VII., A. 1907

Comparative shipments of grain by the St. Lawrence route, and rail and water via the State of New York, are as follows:—

QUANTITY OF GRAIN TO SEA-BOARD BY COMPETING ROUTES.

The quantity of grain and peas passed down the whole length of the St. Lawrence Canal to Montreal, is as follows:—

	Tons.
For 1904.....	220,076
1905.....	375,630
Showing an increase of	<u>155,554</u>

The quantity of grain and pease carried to Montreal via Canadian Pacific and Grand Trunk Railways, is reported as follows:—

	Tons.
For 1904.....	154,625
1905.....	148,377
Showing a decrease of.....	<u>6,248</u>

The quantity of grain arrived at the tide-water by New York Canals, is reported as follows:—

	Tons.
For 1904.....	226,867
1905.....	216,237
Showing a decrease of.....	<u>10,630</u>

The quantity of grain carried to tide-water by the New York railways, is reported as follows:—

	Tons.
For 1904.....	3,048,573
1905.....	3,164,540
Showing an increase of.....	<u>115,967</u>

The increases and decreases for 1905 as compared with 1904 on the several routes, competing for the carrying trade to the sea-board, are as follows:—

	Increases.	Decrease.	Increase.	Decrease.
	Tons.	Tons.	Per cent.	Per cent.
On the St. Lawrence.....	155,554	.....	77 17	.....
" Canadian Pacific and Grand Trunk Railways.....	.....	6,248	.....	4 11
" New York Canals .....	.....	10,630	.....	4 25
" " Railways.....	115,967	.....	3 81	.....

By reference to Appendix U, it will be seen that the quantity of freight from ports west of Port Colborne to the United States ports, Oswego, Ogdensburg, &c., has

SESSIONAL PAPER No. 20a

decreased from 373,070 tons in 1894 to 234,017 tons in 1905 and the quantity to Ontario ports, between Port Dalhousie and Cornwall, and an increase from 80,681 tons in 1894 to 165,286 tons in 1905. The quantity passed down to Montreal shows an increase from 292,191 tons in 1894 to 448,704 tons in 1905.

TRANSHIPMENT OF GRAIN.

The quantity of grain passed down the Welland Canal in Canadian and United States vessels to Kingston and Prescott for fifteen years, is as follows:—

In Canadian vessels there were in—

		Tons.
1891,	209 Cargoes, with an aggregate quantity of.....	190,664
1892,	158 " "	159,018
1893,	146 " "	148,962
1894,	125 " "	159,145
1895,	123 " "	136,617
1896,	196 " "	227,912
1897,	180 " "	229,265
1898,	166 " "	224,021
1899,	162 " "	221,306
1900,	325 " "	183,200
1901,	112 " "	132,558
1902,	131 " "	175,514
1903,	170 " "	218,840
1904,	115 " "	174,121
1905,	167 " "	239,418

In the United States vessels there were in—

			Tons.
1890,	35	Cargoes with an aggregate quantity of	35,560
1891,	77	" "	90,153
1892,	89	" "	109,812
1893,	257	" "	328,269
1894,	84	" "	106,236
1895,	56	" "	73,987
1896,	158	" "	217,978
1897,	197	" "	285,847
1898,	339	" "	464,852
1899,	167	" "	205,571
1900,	259	" "	163,575
1901,	135	" "	123,229
1902,	135	" "	136,652
1903,	219	" "	273,986
1904,	118	" "	150,359
1905,	235	" "	273,344

Ninety-six Canadian and 19 American vessels took cargoes of 180,206 tons through to Montreal intact in 1905; 56 Canadian and 16 American of 116,095 tons in 1904; 56 Canadian and 18 American of 99,582 tons in 1903; 19 Canadian and 17 American of 34,804 tons in 1902; 23 Canadian and 2 American of 17,303 tons in 1901, 15 of 7,924 tons in 1900, 2 of 558 tons in 1899, 7 of 2,426 in 1898, 7 of 2,324 in 1897, 3 of 1,176 in 1896, 4 of 1,344 tons in 1895, 2 cargoes of 810 tons in 1894, none in 1893, 2 in 1892 of 924 tons, and 3 in 1891 of 1,441 tons. Three vessels lightened a portion of their cargoes in 1901, 9 in 1900, 11 in 1899, 25 in 1898, 11 in 1897, 16 in 1896, 6 in 1895, 19 in 1894, 34 in 1893, 25 in 1892, and 44 in 1891; 222 vessels discharged the whole of their cargoes at Kingston in 1901, 540 in 1900, 316 in 1899, 473 in 1898, 359

6-7 EDWARD VII., A. 1907

in 1897, 335 in 1896, 169 in 1895, 188 in 1894, 369 in 1893, 220 in 1892, and 293 in 1891.

The quantity of grain transhipped at Port Colborne in 1905 and the four previous years is given below.

The total number of grain-laden vessels lightened at this port in 1905 was 50, against 57 the previous year.

The quantity of grain lightened was as follows :—

Articles.	1900.	1901.	1902.	1903.	1904.	1905.
	Bush.	Bush.	Bush.	Bush.	Bush.	Bush.
Wheat.	272,609	393,490	577,697	670,302	175,117	679,840
Corn.	448,256	556,911	529,651	834,718	408,976	104,027
Rye.	Nil.	Nil.	Nil.	13,768	.....	.....
Oats.	Nil.	76,236	5,824	2,765	15,353	.....
Barley.	Nil.	27,115	Nil.	13,242	9,686	.....

WELLAND CANAL.

The total quantity of freight passed on the Welland Canal during the season of 1905 was 1,092,050 tons ; of this quantity 16,082 tons were way or local freight.

There were 859,991 tons of freight passed eastwards, and 232,059 passed westwards.

East and west bound Through Freight.

The total quantity of through freight passed through the whole length of the Welland Canal during the season of 1905 was 1,075,968 tons.

Of this quantity 848,007 tons were east bound and 227,961 west bound freight.

Of the east bound through freight, Canadian vessels carried 369,866 tons and United States vessels carried 478,141 tons ; and of the west bound through freight Canadian vessels carried 85,251 tons and United States vessels carried 142,710 tons, or a total of 455,117 tons for Canadian and 620,851 tons for American vessels.

ST. LAWRENCE CANALS.

The total quantity of freight passed through these canals during 1905 was 1,752,855 tons ; of this quantity 1,266,683 tons passed eastward and 486,172 passed westward.

East and west bound Through Freight.

The total quantity of through freight was 1,080,278 tons ; of this quantity 827,720 tons were east bound and 252,558 tons were west bound.

Way Freight.

Of the total quantity of (way) or local freight 438,963 tons were east bound and 233,614 tons west bound freight.

SESSIONAL PAPER No. 20a

THROUGH TRAFFIC BETWEEN MONTREAL AND PORTS ON LAKE ERIE, MICHIGAN, ETC.

The total quantity of through freights passed eastward and westward through the Welland and St. Lawrence Canals, from Lake Erie to Montreal during fifteen years, is as follows :—

	Eastward to Montreal. Tons	Westward from Montreal. Tons.
1891.....	309,953	14,060
1892.....	263,144	9,452
1893.....	508,016	16,545
1894.....	292,191	9,439
1895.....	266,659	10,555
1896.....	480,077	10,050
1897.....	584,246	4,542
1898.....	538,108	4,436
1899.....	354,933	5,991
1900.....	288,251	6,217
1901.....	184,420	13,714
1902.....	250,475	25,289
1903.....	390,786	100,699
1904.....	278,328	71,512
1905.....	448,704	72,482

THROUGH FREIGHT FROM UNITED STATES PORTS TO UNITED STATES PORTS.

The total quantity of through freight passed eastward and westward through the Welland Canal, from United States ports to United States ports. for a period of fifteen years, is as follows :—

	Eastward. Tons.	Westward. Tons.	Total. Tons.
1891.....	306,257	247,543	553,800
1892.....	300,733	240,332	541,065
1893.....	384,559	247,108	631,667
1894.....	361,319	230,948	592,267
1895.....	255,259	214,520	469,779
1896.....	385,695	267,518	653,213
1897.....	353,863	210,831	564,694
1898.....	277,023	210,516	487,539
1899.....	225,491	135,038	360,529
1900.....	218,969	99,560	318,529
1901.....	190,476	83,543	274,019
1902.....	224,110	44,919	269,029
1903.....	221,074	149,151	370,225
1904.....	165,337	87,144	252,481
1905.....	190,547	111,749	302,298

The total quantity of freight passed through the Welland Canal from United States ports to United States ports shows an increase of 49,815 tons, as compared with the previous year ; and a decrease of 251,504 tons as compared with 1891.

6-7 EDWARD VII., A. 1907

The following statement shows the aggregate number of vessels, and the total quantity of freight passed through the Welland Canal, and the quantity passed between United States ports during the years 1867 to 1905 inclusive:—

Fiscal Year.	Aggregate number of Vessels.	Total quantity transported on the Welland Canal.	Quantity passed from United States ports to United States ports.
	Number.	Tons.	Tons.
1867	5,405	933,260	458,386
1868	6,157	1,161,821	641,711
1869	6,069	1,231,903	688,700
1870	7,356	1,311,956	747,567
1871	7,729	1,478,122	772,756
<i>Season of navigation.</i>			
1872	6,063	1,333,104	606,627
1873	6,425	1,506,484	656,208
1874	5,814	1,389,173	748,557
1875	4,242	1,038,050	477,809
1876	4,789	1,099,810	488,815
1877	5,129	1,175,398	493,841
1878	4,429	968,758	373,738
1879	3,960	865,664	284,043
1880	4,104	819,934	179,605
1881	3,332	686,506	194,173
1882	3,334	790,643	282,806
1883	3,267	1,005,156	432,611
1884	3,138	837,811	407,079
1885	2,738	784,928	384,509
1886	3,589	880,135	464,478
1887	2,785	777,918	340,501
1888	2,647	878,800	434,753
1889	2,975	1,085,273	553,584
1890	2,883	1,016,165	533,957
1891	2,594	975,013	553,800
1892	2,615	955,554	541,065
1893	2,843	1,294,823	631,667
1894	2,412	1,008,221	592,267
1895	2,222	869,595	469,779
1896	2,766	1,279,987	653,213
1897	2,725	1,274,292	564,694
1898	2,384	1,140,077	487,539
1899	2,202	789,770	360,529
1900	2,399	719,360	318,529
1901	1,547	620,209	274,019
1902	1,568	665,387	269,029
1903	1,787	1,002,919	370,225
1904	1,433	811,371	252,481
1905	1,595	1,019,568	302,296

SESSIONAL PAPER No. 20a

The total quantity of freight passed through the several divisions of the canals during the season of 1905 is as follows :—

	Farm Stock.	Forest Produce of Wood.	Manufac- tures.	Merchan- dise.	Agricultural Products.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Welland.		157,570	79,708	257,467	597,305	1,092,050
St. Lawrence.	1,899	247,222	138,118	620,986	744,630	1,752,855
Chambly.	243	304,272	9,262	111,401	21,891	447,069
Ottawa.	1,529	343,255	375	17,081	9,101	371,341
Rideau	8	27,044	5,080	21,410	6,322	59,864
St. Peters	36	10,159	4,551	53,658	12,673	81,077
Murray.	9	2,586	10,085	12,535	4,206	29,421
Trent Valley	292	44,058	76	105	700	45,231
Sault Ste. Marie	77	96,832	138,132	4,115,740	1,122,625	5,473,406

The total quantity of freight moved on the Welland Canal was 1,092,050 tons, of which 597,305 tons were agricultural products.

On the St. Lawrence Canals the total quantity of freight moved was 1,752,855 tons, of which 744,630 were agricultural products, and 620,986 tons were merchandise.

On the Ottawa Canals the total quantity of freight moved was 371,341 tons ; of this quantity 96,832 tons were the produce of the forest.

STATISTICAL COMPARISON OF VARIOUS UNITED STATES ROUTES.

The statistical comparisons heretofore given in respect to the quantities of the principal articles carried through the Welland Canal, and those carried over routes in the United States, in competition with that work, have been continued to date.

By reference to statement H, as to the quantity of vegetable food carried to tide-water, it will be observed that the quantity carried by the New York Canals was 346,200 tons in 1905, 361,333 tons in 1904, 512,601 tons in 1903, 489,053 in 1902, 557,099 in 1901, 472,857 in 1900, 577,486 in 1899, 653,027 in 1898, 744,575 in 1897, 957,182 in 1896, 606,505 in 1895, 1,400,129 in 1894, 1,450,116 in 1893, 937,999 in 1892, and 1,092,385 in 1891.

The quantities of vegetable food carried by the New York Central, Erie and New York, West Shore and Buffalo Railways being :—

	Tons.		Tons.
In 1905.	4,475,888	In 1887.	*3,847,766
1904.	4,632,082	1886.	*3,802,262
1903.	5,548,603	1885.	4,105,594
1902.	6,532,263	1884.	3,639,805
1901.	8,334,001	1883.	4,422,461
1900.	6,053,005	1882.	3,885,557
1899.	6,211,827	1880.	4,732,385
1898.	7,060,542	1869	1,087,809
1897.	5,673,638		
1896.	5,183,540		
1895. *	3,798,574		
1894.	4,281,056		
1893.	5,107,426		
1892.	5,913,013		
1891.	5,565,381		
1890.	4,336,199		
1889.	3,654,984		
1888.	3,197,734		

* Flour and grain only.

The following figures are an abstract of the quantities of vegetable food carried to tide-water by the canals and railways of the State of New York during thirty-seven years :—

	Canals.	Railways.	Total.	Proportions by Canals.
	Tons.	Tons.	Tons.	Tons.
1869.	1,302,613	1,087,809	2,390,342	·545
1870.	1,295,010	1,766,457	3,061,467	·423
1871.	1,850,198	2,205,589	4,055,787	·456
1872.	1,674,320	1,870,614	3,544,934	·472
1873.	1,745,171	2,036,992	3,782,163	·461
1874.	1,767,598	2,791,517	4,559,115	·387
1875.	1,305,550	2,343,241	3,648,791	·357
1876.	1,064,293	2,875,803	3,940,096	·270
1877.	1,498,984	2,493,683	3,992,667	·375
1878.	1,912,734	3,695,764	5,608,498	·341
1879.	1,833,399	4,353,617	6,187,016	·296
1880.	2,271,090	4,732,385	7,103,475	·333
1881.	1,116,561	4,983,722	6,100,283	·183
1882.	1,118,776	3,885,557	5,004,333	·223
1883.	1,379,000	4,422,461	5,801,461	·237
1884.	1,236,986	3,639,805	4,876,791	·253
1885.	1,063,310	4,105,594	5,168,904	·205
1886.	1,489,886	3,802,262	5,292,148	·281
1887.	1,539,403	3,847,766	5,387,169	·285
1888.	1,166,958	3,197,734	4,364,692	·267
1889.	1,296,896	3,654,984	4,951,880	·262
1890.	1,167,901	4,336,199	5,504,100	·212
1891.	1,092,355	3,565,381	4,657,736	·234
1892.	937,999	5,913,013	6,851,012	·137
1893.	1,452,563	5,107,426	6,599,989	·284
1894.	1,400,129	4,281,056	5,681,185	·327
1895.	602,505	3,798,574	4,401,079	·159
1896.	957,182	5,183,540	6,140,722	·156
1897.	744,575	5,673,638	6,418,213	·116
1898.	653,027	7,060,542	7,713,569	·085
1899.	577,486	6,211,827	6,789,313	·086
1900.	472,857	6,053,005	6,525,862	·073
1901.	557,099	6,334,001	6,891,100	·081
1902.	489,053	6,532,263	7,021,316	·069
1903.	512,601	5,548,603	6,061,204	·081
1904.	361,333	4,632,082	4,993,415	·073
1905.	346,200	4,475,888	4,822,088	·072

SESSIONAL PAPER No. 20a

COMPARATIVE STATEMENT OF TRAFFIC BY RAILWAYS AND CANALS VIA THE STATE
OF NEW YORK.

On reference to the returns made by the railways to the state authorities of New York, and to the canal statistics submitted to the state legislature, I find that of the total tonnage of freight carried by the canals and railways, the state canals carried:—

	Per cent.		Per cent.
In 1859.....	68·9	In 1887.....	16·3
1869.....	47 0	1888.....	18·8
1870.....	38·9	1889.....	15·1
1871.....	38·9	1890.....	13·9
1872.....	40·1	1891.....	13·4
1873.....	34·9	1892.....	9·8
1874.....	31·7	1893.....	10·1
1875.....	28·4	1894.....	10·2
1876.....	24·6	1895.....	9·7
1877.....	28·3	1896.....	8·5
1878.....	27·1	1897.....	8·3
1879.....	23·7	1898.....	6·9
1880.....	25·1	1899.....	7·2
1881.....	18·5	1900.....	5·2
1882.....	19 0	1901.....	5·1
1883.....	18·7	1902.....	5·5
1884.....	19·0	1903.....	5·6
1885.....	17·1	1904.....	4·6
1886.....	16·9	1905.....	4·5

The quantity of freight carried by the canals and railways was more in 1905 by 5,242,646 tons than the quantity carried in 1904, and an increase of 61,299,967 tons over 1869.

The quantities carried were as follows:—

	Total Tonnage.	Proportion by canals.
In 1859	5,485,076	·6890
1869	12,453,174	·4705
1870	15,148,274	·3895
1871	15,844,152	·3896
1872	16,631,609	·4012
1873	18,200,208	·3497
1874	18,283,547	·3174
1875	17,101,758	·2841
1876	16,948,627	·2462
1877	17,489,770	·2833
1878	19,017,301	·2719
1879	22,590,766	·2373
1880	25,706,586	·2512
1881	27,857,394	·1859
1882	28,693,054	·1905
1883	30,167,119	·1877
1884	26,293,844	·1905
1885	27,543,948	·1718
1886	31,168,744	·1698
1887	34,029,791	·1632
1888	26,244,610	·1883
1889	35,466,042	·1514

QUANTITY of freight carried —*Concluded.*

	Total Tonnage.	Proportion by canals.
1890	37,624,199	·1394
1891	38,524,179	·1343
1892	43,618,569	·0982
1893	42,953,233	·1009
1894	37,916,412	·1024
1895	36,170,339	·0967
1896	43,756,051	·0849
1897	43,711,512	·0828
1898	49,311,030	·0682
1899	51,702,761	·0713
1900	65,433,541	·0512
1901	65,640,837	·0506
1902	72,075,774	·0549
1903	72,283,508	·0559
1904	68,510,495	·0459
1905	73,753,141	·0458

Average freight rates, grain, Chicago to Buffalo:—(as reported by the Secretary Merchants' Exchange, Buffalo).

Year.	Wheat	Year.	Wheat.
1881	3·2	1894	1·2
1882	2·5	1895	1·9
1883	3·5	1896	1·7
1884	2·1	1897	1·5
1885	2·0	1898	1·5
1886	3·6	1899	2·5
1887	4·1	1900	1·8
1888	2·7	1901	1·6
1889	2·5	1902	1·5
1890	1·9	1903	1·4
1891	2·5	1904	1·5
1892	2·2	1905	1·7
1893	1·6		
		Average twenty-five years...	2·2

GRAIN.															
1900.			1901.			1902.			1903.			1904.		1905.	
Tons.	Bushels.	Tons.	Bushels.	Tons.	Bushels.	Tons.	Bushels.	Tons.	Bushels.	Tons.	Bushels.	Tons.	Bushels.	Tons.	Bushels.
Barley.....	600	24,967	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Buckwheat.....	11	460	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Corn.....	154,815	5,525,845	71,459	2,552,107	11,732	418,791	109,937	3,920,137	3,526	139,231	9,505	388,968	.....	.....	.....
Oats.....	16,803	1,005,029	7,831	460,043	3,899	229,262	338	19,865	960	56,541	13,740	8,078,329	.....	.....	.....
Pease.....	142	4,700	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Rye.....	3,925	140,434	5,141	193,607	11,552	395,207	3,495	124,769	.....	.....	.....	.....	.....	.....	.....
Wheat.....	126,963	4,215,721	207,403	6,913,434	216,305	7,208,486	175,954	5,837,504	137,338	4,572,896	168,966	5,640,257	.....	.....	.....
Total.....	303,259	10,917,156	291,834	10,119,191	243,488	8,251,746	289,724	9,902,215	203,499	6,971,347	248,165	16,109,280	.....	.....	.....

ROLLING FREIGHT.						
Flaxseed	3,779	17,208	11,606	6,347		
Flax and hemp	941					
Flour	8,255	7,290	10,615	9,793	3,798	4,436
Furniture	1					
Lard and lard oil	1,695		689	18		
Meals	448	588			54	40
Oil cake		1,255	5,900	9,415	1,359	889
Meats						
Pork	418	372		464	214	151
Seeds, all kinds			283	18		
All other vegetables						
Nails						
Oils						
Sugar		28				
Tallow	373				23	
Tin		1			15	
Merchandise	696		5		1	248
Barrels, empty						
Firewood		1,935	180			
Lumber		459	379			
Woodenware		46				449
Total	16,606	29,182	29,657	26,055	5,761	6,213
Grand total	319,865	321,016	273,145	315,779	209,260	254,378

COMPARATIVE STATEMENT of the Commerce through the U. S. St. Mary's Falls Canals and Canadian Sault Ste. Marie Canal for the Seasons of 1904 and 1905.

	TRAFFIC FOR 1905.		TOTAL TRAFFIC FOR		INCREASE.	DECREASE.
	Canadian Canal.		Season of 1904.			
	United States Canal.		Season of 1905.	Season of 1904.	Amount.	Amount.
Vessels.....	16,019	5,662	21,681	16,115	5,566	
Lockages.....	9,761	4,031	13,792	10,315	3,477	
Tonnage, registered.....	31,121,233	5,537,637	36,658,870	21,390,717	12,268,023	
" freight.....	38,802,190	5,473,406	44,275,596	31,548,621	12,726,975	
Passengers.....	28,401	26,117	54,518	37,880	16,638	
Coal (hard).....	941,763	42,491	984,254	992,351		8,100
" (soft).....	1,621,032	904,733	5,525,765	5,464,883	60,882	
Flour.....	4,052,805	1,717,441	5,770,246	1,699,230	1,071,016	
Wheat.....	42,573,661	25,984,339	68,558,000	50,041,845	18,516,155	
Grain (excluding wheat).....	33,209,687	6,075,420	39,285,107	31,223,017	8,062,060	
Manufactured and pig iron.....	181,410	89,016	270,426	236,794	33,632	
Salt.....	282,188	141,951	424,139	366,223	57,916	
Copper.....	94,794	11,006	105,800	109,711		3,911
Iron ore.....	28,408,076	2,919,237	31,327,313	19,640,038	11,687,275	
Lumber.....	933,548,000	21,220,800	954,768,800	913,111,980	41,656,820	
Silver ore.....	41		41	1,652		1,611
Building stone.....	10,899	12,829	23,728	29,186		5,458
Unclassified freight.....	484,723	330,648	815,371	786,816	28,555	

SESSIONAL PAPER No. 20a

The United States canal was open to navigation during the season of—

1889.....	234 days.
1890.....	228 "
1891.....	225 "
1892.....	233 "
1893.....	219 "
1894.....	234 "
1895.....	231 "
1896.....	232 "
1897.....	234 "
1898.....	241 "
1899.....	231 "
1900.....	238 "
1901.....	230 "
1902.....	256 "
1903.....	249 "
1904.....	223 "
1905.....	245 "

The Canadian canal was open to navigation during the season of—

1895.....	87 days.
1896.....	218 "
1897.....	238 "
1898.....	243 "
1899.....	239 "
1900.....	238 "
1901.....	246 "
1902.....	264 "
1903.....	256 "
1904.....	241 "
1905.....	255 "

The average number of vessels passing per day through the two canals for the season of 1905 was eighty-seven.

R. DEVLIN,
Compiler of Canal Statistics.

OTTAWA.

EXPORTS by Lake from Chicago to Canada during the Season of Navigation in 1905.

(From Report of Board of Trade of Chicago.)

Commodities.	Quantity.	Value.
Flour.....Tons.	2,044	\$ 81,233
Wheat.....Bushels.	4,800	4,080
Corn....."	3,784,024	2,143,686
Oats....."	2,390,953	746,946
Barley....."	128,913	52,308
Oil cake.....Tons.	800	23,954
Beef.....Barrels.	1,085	14,362
Pork....."	3,565	52,105
Lard.....Tierces.	1	55
Oil.....Barrels.	10	57
Unclassified.....Tons.	181	23,244
Total value.....		\$ 3,142,030

GRAIN FREIGHTS BY LAKE—SEASON OF 1905.

The following were the current rates on Wheat and Corn from Chicago to Buffalo, Ogdensburg, Depot Harbour and Montreal; also to New York by Lake and Erie Canal for each week during the season of navigation.

1905.	To BUFFALO.		To OGDENBURG.		To DEPOT HARBOUR.		To MONTREAL.		ERIE CANAL, BUFFALO TO NEW YORK.		*CHICAGO TO NEW YORK, LAKE AND CANAL.	
	Wheat, per bush.	Corn, per bush.	Wheat, per bush.	Corn, per bush.	Wheat, per bush.	Corn, per bush.	Wheat, per bush.	Corn, per bush.	Wheat, per bush.	Corn, per bush.	Wheat, per bush.	Corn, per bush.
April 15	cts. 15	cts. 15	cts. 4	cts. 4	cts.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
" 22	15	15	4	4	15	4	4	4	5	4	5	4
" 29	14	14	4	4	14	4	4	4	4	4	4	4
May 6	14	14	4	4	1	4	4	4	4	4	4	4
" 13	14	14	4	4	1	4	4	4	4	4	4	4
" 20	14	14	4	4	1	4	4	4	4	4	4	4
" 27	14	14	4	4	1	4	4	4	4	4	4	4
June 3	14	14	4	4	1	4	4	4	4	4	4	4
" 10	14	14	4	4	1	4	4	4	4	4	4	4
" 17	14	14	4	4	1	4	4	4	4	4	4	4
" 24	14	14	4	4	1	4	4	4	4	4	4	4
July 1	14	14	4	4	1	4	4	4	4	4	4	4
" 8	14	14	4	4	1	4	4	4	4	4	4	4
" 15	14	14	4	4	1	4	4	4	4	4	4	4
" 22	14	14	4	4	1	4	4	4	4	4	4	4
" 29	14	14	4	4	1	4	4	4	4	4	4	4
Aug. 5	14	14	4	4	1	4	4	4	4	4	4	4
" 12	14	14	4	4	1	4	4	4	4	4	4	4
" 19	14	14	4	4	1	4	4	4	4	4	4	4
" 26	14	14	4	4	1	4	4	4	4	4	4	4
Sept. 2	14	14	4	4	1	4	4	4	4	4	4	4
" 9	14	14	4	4	1	4	4	4	4	4	4	4
" 16	14	14	4	4	1	4	4	4	4	4	4	4
" 23	14	14	4	4	1	4	4	4	4	4	4	4
" 30	14	14	4	4	1	4	4	4	4	4	4	4
Oct. 7	14	14	4	4	1	4	4	4	4	4	4	4
" 14	22	22	4	4	1	4	4	4	4	4	4	4
" 21	22	22	4	4	1	4	4	4	4	4	4	4
" 28	22	22	4	4	1	4	4	4	4	4	4	4
Nov. 4	22	22	4	4	1	4	4	4	4	4	4	4
" 11	22	22	4	4	1	4	4	4	4	4	4	4
" 18	22	22	4	4	1	4	4	4	4	4	4	4
" 25	22	22	4	4	1	4	4	4	4	4	4	4
Dec. 2	22	22	4	4	1	4	4	4	4	4	4	4
" 9	22	22	4	4	1	4	4	4	4	4	4	4

* Exclusive of Buffalo charges.

SESSIONAL PAPER No. 20a

AVERAGE LAKE FREIGHTS.

The following statement shows the average rates of lake freights on wheat and corn between Chicago and Buffalo during each month in the past ten years, the highest and lowest rate on wheat in each year, and the average rates on wheat each year in cents, per bushel :—

(Per Report of Secretary of Merchants' Exchange, Buffalo.)

	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
Grain, bushels.	cts.	cts.	cts.	cts.	cts.	cts.	cts.
1896 { Wheat.....	1.6	1.5	1.2	1.3	1.4	2.0	2.1
{ Corn.....	1.4	1.3	1.1	1.2	1.2	1.9	1.9
Highest rate, wheat, 1896, 2½c. ; lowest, 1¼c. ; average for the season, 1.7c.							
1897 { Wheat.....	1.3	1.2	1.3	1.5	2.0	1.8	1.5
{ Corn.....	1.2	1.1	1.2	1.4	1.8	1.7	1.4
Highest rate, wheat, 1897, 2½c. ; lowest, 1c. ; average for the season, 1.5c.							
1898 { Wheat.....	1.3	0.1	0.9	1.2	1.4	2.5	2.3
{ Corn.....	1.2	0.8	0.8	1.1	1.3	2.3	2.1
Highest rate, wheat, 1898, 3¼c. ; lowest, 1¼c. ; average for the season, 1.5c.							
1899 { Wheat.....	2.0	2.0	2.2	2.5	3.1	3.5	2.5
{ Corn.....	1.8	1.9	2.0	2.3	3.2	3.4	2.3
Highest rate, wheat, 1899, 3¾c. ; lowest, 1¾c. ; average for the season, 2.5c.							
1900 { Wheat.....	1.8	1.9	2.1	1.6	1.7	1.7	2.0
{ Corn.....	1.6	1.7	2.0	1.5	1.6	1.5	1.8
Highest rate, wheat, 1900, 3c. ; lowest, 1¼c. ; average for the season, 1.8c.							
1901 { Wheat.....	1.9	1.5	1.6	1.3	1.6	1.3	2.0
{ Corn.....	1.8	1.3	1.4	1.2	1.5	1.2	1.2
Highest rate, wheat, 1901, 2½c. ; lowest, 1¼c. ; average for the season, 1.60c.							
1902 { Wheat.....	1.3	1.3	1.2	1.6	1.5	1.7	1.9
{ Corn.....	1.2	1.1	1.1	1.4	1.4	1.6	1.7
Highest rate, wheat, 1902, 2½c. ; lowest, 1¾c. ; average for the season, 1.5c.							
1903 { Wheat.....	1.4	1.3	1.3	1.2	1.2	1.4	1.8
{ Corn.....	1.3	1.2	1.2	1.0	1.0	1.3	1.6
Highest rate, wheat, 1903, 2¼c. ; lowest, 1¼c. ; average for the season, 1.4c.							
1904 { Wheat.....	2.5	1.7	1.0	1.2	1.2	1.3	1.6
{ Corn.....	2.5	1.3	0.8	1.0	1.1	1.2	1.5
Highest rate, wheat, 1904, 3c. ; lowest, 1c. ; average for the season, 1.5c.							
1905 { Wheat.....	1.1	1.3	1.3	1.4	1.4	2.2	2.8
{ Corn.....	1.0	1.2	1.1	1.2	1.3	2.0	2.7
Highest rate, wheat, 1905, 3c. ; lowest, 1¾c. ; average for the season, 1.7c.							

LAKE FREIGHT FROM DULUTH TO BUFFALO ON WHEAT (AS REPORTED BY THE SECRETARY OF THE MERCHANTS' EXCHANGE, BUFFALO, N.Y.)

The following statement shows the lake freight rates on wheat from Duluth to Buffalo, during the season 1905 :—

1905.	Wheat. Bushels.	1905.	Wheat. Bushels.
	cts.		cts.
April 8.....	2½	Sept. 13.....	2
" 27.....	2	" 28.....	2½
May 5.....	1½	Oct. 2.....	2½
" 15.....	1½	" 3.....	2½
" 20.....	1½-2	" 4.....	3
June 2.....	1½-1¾	" 11.....	3½
" 10.....	1½-1¾	" 16.....	3½
July 30.....	1½	" 18.....	3½
Aug. 1.....	1½	" 24.....	3½
" 12.....	1½	" 28.....	4
" 17.....	1½-2	Nov. 14 to close.....	3½

In 1885 the range of freights on wheat, Duluth to Buffalo, was $1\frac{1}{2}$ to 5c. ; in 1886, $3\frac{1}{4}$ to 8c. ; in 1887, 5 to 8c. ; in 1888, 2 to 5c. ; in 1889, 2 to 5c. ; in 1890, 2 to 5c. ; in 1891, $1\frac{1}{4}$ to $9\frac{1}{2}$ c. ; in 1892, $2\frac{1}{4}$ to 4c. ; in 1893, $1\frac{1}{4}$ to $3\frac{1}{2}$ c. ; in 1894, $1\frac{1}{4}$ to 3c. ; in 1895, 2 to 6c. ; in 1896, $1\frac{1}{4}$ to 3c. ; in 1897, 1 to $2\frac{1}{2}$ c. ; in 1898, 1 to $3\frac{1}{2}$ c. ; in 1899, $2\frac{1}{2}$ to 6c. ; in 1900, $1\frac{1}{2}$ to $3\frac{3}{4}$ c. ; in 1901, $1\frac{1}{8}$ to $3\frac{3}{4}$ c. ; in 1902, 1 to $2\frac{1}{4}$ c. ; in 1903, $1\frac{1}{8}$ to $2\frac{3}{4}$ c. ; in 1904, 1 to 5c. ; and in 1905, $1\frac{1}{4}$ to 4c. per bushel.

The first departure by lake, at Duluth in 1904, was May 14 ; in 1903 was April 9 ; in 1902 was on March 31 ; in 1901 was on May 6 ; in 1900 was on April 22 ; in 1899, on April 29 ; in 1898, was on April 16 ; in 1896, on April 22 ; and in 1895, on April 21. In 1894 season opened on April 19 ; in 1893, on May 8 ; in 1892, on April 21 ; in 1891, on April 30 ; in 1890, on March 26 ; in 1889, on April 20 ; in 1888, on May 12 ; in 1887, May 4 ; in 1886, on May 7.

Wheat was shipped at Kingston, Canada, per bushel, during the season of 1887, at $6\frac{1}{4}$ to $7\frac{3}{4}$ c. ; in 1888, at 4 to 5c. ; in 1889, at — ; in 1890, $5\frac{3}{4}$, $5\frac{1}{2}$, $4\frac{1}{2}$, $4\frac{1}{4}$, 4c. ; in 1891, during May, $3\frac{3}{4}$, $3\frac{1}{2}$, $2\frac{1}{2}$ c. ; during June, 3c. ; and on July 25, $2\frac{1}{2}$ c. ; in 1892, 5c. in April ; 5 to $5\frac{1}{4}$ c. in May ; 4c. in June ; $4\frac{1}{2}$ c. in July ; 3c. in August ; 6 to $6\frac{1}{4}$ c. in October ; in 1903, ranged from $5\frac{1}{2}$ to $4\frac{1}{2}$ c. in April ; $4\frac{1}{2}$ to $4\frac{3}{4}$ c. in May ; 4 to $3\frac{1}{2}$ c. in June ; $2\frac{3}{4}$ to 3c. in July ; $3\frac{1}{2}$ to $3\frac{3}{4}$ c. in September ; no figures quoted after that date. In 1894 ranged from $3\frac{1}{4}$ to $3\frac{1}{2}$ c. in May ; $3\frac{1}{2}$ c. in June ; $2\frac{1}{2}$ c. in July ; $2\frac{1}{2}$ to $3\frac{1}{4}$ c. in August ; 4c. in September, and $4\frac{1}{2}$ c. in October. On August 25 and November 3, 1894, wheat to Ogdensburg, at $3\frac{1}{4}$ c. and $4\frac{1}{2}$ c. respectively. In 1895, wheat to Kingston from 3c. to 5c. In 1896, wheat to Kingston from 3c. to $5\frac{1}{2}$ c. ; and in 1897, wheat to Kingston from 3c. to $3\frac{1}{2}$ c., according to time of year ; 1898 to 1899 not given.

LAKE FREIGHTS FROM TOLEDO TO BUFFALO ON WHEAT.

The following statements show the ruling rates of lake freights on wheat from Toledo to Buffalo, during the season of 1905 on the dates specified, as reported by the Secretary, Merchants' Exchange, Buffalo.

Date, 1905.	Wheat and Corn per Bushel.	Date, 1905.	Wheat and Corn per Bushel.
	Cts.		Cts.
Opening to April 1	1	April 1 to July 14	$1\frac{1}{4}$
July 14 to August 1.	$1\frac{1}{2}$ - $1\frac{1}{8}$	August 1 to close	$1\frac{1}{4}$ - $1\frac{1}{2}$

The range for 1886 was $1\frac{3}{4}$ to 3c. ; for 1887, $2\frac{1}{4}$ to 3c. ; for 1888, $1\frac{1}{2}$ to $2\frac{1}{8}$ c. ; for 1889, $1\frac{3}{4}$ to 2c. ; for 1890, $1\frac{1}{2}$ to 2c. ; 1891, 1 to 3c. ; for 1892, $1\frac{1}{2}$ to $2\frac{1}{2}$ c. ; for 1893, 1 to 2c. ; for 1894, 1 to 2c. ; for 1895, 1 to $2\frac{1}{4}$ c. ; for 1896, $1\frac{1}{4}$ to $1\frac{3}{4}$ c. ; for 1897, 1 to $1\frac{1}{4}$ c. ; for 1898, 1 to $1\frac{1}{2}$ c. ; for 1899, $1\frac{1}{2}$ to 2c. ; for 1900, $1\frac{1}{2}$ to 2c. ; for 1901, $1\frac{1}{4}$ to $1\frac{1}{2}$ c. ; for 1902, $1\frac{1}{2}$ to 2c. ; for 1903, $1\frac{1}{8}$ to $1\frac{1}{2}$ c. ; for 1904, 1 to $1\frac{3}{4}$ c. ; and for 1905, 1 to $1\frac{1}{2}$ c. per bushel.

From Toledo to Ogdensburg, wheat and corn shipped at 6 to 7c. in 1887 ; at $4\frac{1}{2}$ to 6c. for wheat and 5c. for corn in 1888 ; and 5 to $5\frac{1}{8}$ c. for wheat in 1889 per bushel. From Toledo, on October 8, 1887, corn shipped to Kingston at $3\frac{1}{2}$ c., and on November 12, at $4\frac{1}{2}$ c. per bushel. In 1888, corn, Toledo to Kingston, $4\frac{1}{2}$ to 3c. ; and wheat at $3\frac{1}{2}$ to 3c. per bushel. In 1889, wheat, Toledo to Kingston, 3c. ; and in 1891, rye, Toledo to Kingston at 3c. per bushel. From Toledo, on June 2, 1887, wheat shipped to Montreal by propeller at $6\frac{1}{2}$ c. ; on June 14, corn at same price ; but on September 26, the rate on corn was only 5c. per bushel. In 1888, corn, Toledo to Montreal, at 6 to $5\frac{3}{4}$ c., and wheat at $5\frac{1}{2}$ c. per bushel. From 1889 to 1899, no shipments to Montreal or other places in Canada reported.

SESSIONAL PAPER No. 20a

CANAL FREIGHT FROM BUFFALO TO NEW YORK.

The following shows the changes in the ruling rates of freight to New York from Buffalo, on the days specified in 1905 (as reported by the Secretary, Merchants' Exchange, Buffalo).

Date, 1905.	Wheat, Bushels.	Corn, Bushels.	Date, 1905.	Wheat, Bushels.	Corn, Bushels.
	Cts.	Cts.		Cts.	Cts.
May 4.....	4	.....	Oct. 3.....	4	3 ³ / ₄
June 1.....	3 ¹ / ₂	.....	" 10.....	4 ¹ / ₂	4
" 12.. ..	3 ³ / ₄	.....	" 14.	4 ¹ / ₂	4 ¹ / ₂
Aug. 28.	3 ¹ / ₂	3 ¹ / ₄	" 28.	4 ¹ / ₂	4 ¹ / ₂
			Nov. 2 to close.....	5	4 ¹ / ₂

Freight on oats varied from 2 to 3³/₄c. per bushel. Pine lumber, per 1,000 feet. was carried from Buffalo to Tonawanda to New York as follows: Opened at \$1.85; June, \$1.85; July, \$1.90; August, \$1.90; September, \$2; October, \$2; to close, \$2. Rates to Albany opened \$1.50; June, \$1.50; July, \$1.50; August, \$1.50 to \$1.75; September, \$1.75; October, \$1.75 to \$1.85; to close at \$2 to \$2.10.

AVERAGE CANAL FREIGHTS.

BUFFALO TO NEW YORK.

The following statement shows the average rates of canal freights on wheat and corn between Buffalo and New York during each month in the past ten years, and the highest and lowest rates on wheat and average rate on wheat on each :—

(Reported by Sec. Merchants' Exchange, Buffalo.)

Grain.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.
	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.	Cents.
1896 { Wheat.....	3·7	3·7	3·7	3·7	3·7	3·7	3·8
1896 { Corn.....	3·5	3·5	3·5	3·5	3·5	3·5	3·6
Highest rate, wheat, 1896, 4c.; lowest, 3·1c.; average for the season, 3·7c.							
1897 { Wheat.....	2·6	2·2	2·3	2·5	3·3	3·1	3·5
1897 { Corn.....	2·2	1·8	2·0	2·2	2·8	2·6	3·0
Highest rate, wheat, 1897, 3·5c.; lowest, 2c.; average for the season, 2·8c.							
1898 { Wheat.....	3·0	2·9	2·8	2·7	2·6	3·0	3·0
1898 { Corn.....	2·5	2·3	2·4	2·1	2·2	2·6	2·6
Highest rate, wheat, 1898, 3·4c.; lowest, 2·5c.; average for the season, 2·8c.							
1899 { Wheat.. ..	2·5	2·7	2·4	2·5	2·5	3·6	4·2
1899 { Corn.....	2·3	2·3	2·1	2·1	2·2	3·0	3·5
Highest rate, wheat, 1899, 4·5c.; lowest, 2·5c.; average for the season, 2·8c.							
1900 { Wheat.....	2·4	2·2	2·3	2·3	2·2	2·7	3·5
1900 { Corn.....	2·1	2·0	2·1	2·0	2·0	2·4	3·0
Highest rate, wheat, 1900, 3 ¹ / ₂ c.; lowest, 2c.; average for the season, 2·5c.							
1901 { Wheat.....	3·4	3·2	3·2	3·2	3·3	4·0	4·1
1901 { Corn.. ..	2·7	2·8	2·8	2·9	3·1	3·7	3·8
Highest rate, wheat, 1901, 4 ³ / ₈ c.; lowest, 3 ¹ / ₄ c.; average for the season, 3·5c.							
1902 { Wheat.. ..	4·0	3·8	3·3	3·3	3·8	4·0	4·1
1902 { Corn.. ..	3·6	3·4	3·1	3·1	3·5	3·7	3·8
Highest rate, wheat, 1902, 4 ¹ / ₂ c.; lowest, 3 ³ / ₈ c.; average for the season, 3·8c.							
1903 { Wheat.....	4·1	4·1	4·2	4·2	4·0	3·7	3·7
1903 { Corn.....	3·7	3·7	3·8	3·8	3·6	3·3	3·3
Highest rate, wheat, 1903, 4 ¹ / ₄ c.; lowest, 3 ³ / ₄ c.; average for the season, 4c.							
1904 { Wheat.....	3·5	3·2	2·7	2·6	2·8	3·5	3·7
1904 { Corn.....	3·0	2·7	2·4	2·1	2·4	3·0	3·1
Highest rate, wheat, 1904, 3 ⁷ / ₈ c.; lowest, 2 ¹ / ₂ c.; average for the season, 3·2c.							
1905 { Wheat.....	4·0	3·4	3·3	3·3	3·6	4·3	5·0
1905 { Corn.....	3·6	3·0	3·0	3·0	3·2	4·1	4·8
Highest rate, wheat, 1905, 5c.; lowest, 3 ³ / ₈ c.; average for the season, 3·9c.							

NOTE.—Canals free of tolls since 1882.

FREIGHT, TOLLS, ELEVATING AND STORAGE RATES COMPARED.

The following statement shows the receipts of grain and flax seed at Buffalo, the average canal freight on wheat, and the tolls on wheat to New York, and the elevating and storage rates at Buffalo for a series of years (as reported by Secretary, Merchants' Exchange, Buffalo) :—

Year.	Grain received.	Average Canal Freight on Wheat.	Tolls on Wheat.	Elevating, including Storage.
	Bush.	Cts.	Cts.	Cts.
1870.....	32,208,039	11·2	3·1	1½
1871.....	61,319,313	12·6	3·1	1½
1872.....	58,703,666	13·0	3·1	1½
1873.....	65,498,955	11·4	3·1	1½
1874.....	55,660,198	10·0	3·1	1½
1875.....	52,833,451	7·9	2·0	1
1876.....	44,207,121	6·6	2·0	1
1877.....	61,822,292	7·4	1·0	1
1878.....	78,828,443	6·0	1·0	1
1879.....	75,089,768	6·8	1·0	1
1880.....	105,133,009	6·5	1·0	1
1881.....	56,389,827	4·7	1·0	1
1882.....	51,501,503	5·4	1·0	
1883.....	65,722,080	4·9	None.	
1884*.....	58,011,800	4·2	do	
1885*.....	52,671,090	3·8	do	
1886*.....	75,570,850	5·0	do	
1887*.....	87,073,570	4·6	do	
1888*.....	73,977,390	3·4	do	
1889*.....	92,290,550	4·8	do	
1890*.....	91,994,680	3·8	do	
1891*.....	135,315,510	3·5	do	do
1892*.....	138,872,560	3·5	do	
1893*.....	140,796,410	4·6	do	
1894*.....	105,435,577	3·2	do	
1895*.....	121,225,497	2·2	do	
1896*.....	172,474,664	3·7	do	
1897*.....	204,964,103	2·8	do	
1898*.....	221,383,945	2·8	do	
1899*.....	153,393,184	3·0	do	
1900*.....	157,655,968	2·5	do	
1901.....	132,646,828	3·5	do	
1902.....	124,624,386	3·8	do	
1903.....	140,438,822	4·0	do	
1904.....	100,838,000	3·2	do	
1905.....	126,465,729	3·9	do	

NOTE.—Prior to 1870 tolls 6·21 cents per bushel, and the elevating charge 2 cents per bushel.
* Including flax seed.

SESSIONAL PAPER No. 20a

AVERAGE FREIGHT CHARGES PER BUSHEL.

For the transportation of Wheat and Corn from Chicago to New York for a series of years.

(From Report of Board of Trade, Chicago.)

Year.	CORN.			WHEAT.		
	By lake and canal.	By lake and rail.	By all rail.	By lake and canal.	By lake and rail.	By all rail.
	\$	\$	\$	\$	\$	\$
1858	·127		·3619	·1550		·3861
1859	·1570		·3248	·1663		·3480
1860	<i>a</i> ·0833		·3248	<i>a</i> ·095		·3480
1861	<i>a</i> ·1062		·3881	<i>a</i> ·1210		·4158
1862	<i>a</i> ·0957		·4480	<i>a</i> ·1062		·4800
1863	<i>a</i> ·063		·4592	<i>a</i> ·072		·4920
1864	<i>a</i> ·09		·5600	<i>a</i> ·0952		·60
1865	<i>a</i> ·0864		·4188	<i>a</i> ·0894		·4488
1866	<i>a</i> ·1075		·4312	<i>a</i> ·1377		·4620
1867	<i>a</i> ·0511		·4176	<i>a</i> ·08		·4475
1868	<i>a</i> ·0604		·3532	<i>a</i> ·0802		·3784
1869	<i>a</i> ·0584	·2355	·3320	<i>a</i> ·0651	·2520	·3557
1870	<i>a</i> ·16	·2220	·28	<i>a</i> ·0677	·2250	·30
1871	<i>a</i> ·0754	·2372	·2968	<i>a</i> ·0687	·2542	·3180
1872	<i>a</i> ·1072	·2660	·3266	<i>a</i> ·1110	·2950	·3499
1873	<i>a</i> ·0816	·2298	·2893	<i>a</i> ·0917	·2461	·3102
1874	<i>a</i> ·0382	·1388	·2450	<i>a</i> ·0400	·1709	·2625
1875	<i>a</i> ·034	·1303	·2240	<i>a</i> ·0378	·1389	·2400
1876	<i>b</i> ·0875	·1079	·1574	<i>b</i> ·0982	·1136	·1686
1877	<i>b</i> ·0959	·1406	·1890	<i>b</i> ·1109	·1546	·2050
1878	<i>b</i> ·0883	·1053	·1652	<i>b</i> ·0996	·1209	·1770
1879	<i>b</i> ·1049	·1220	·1456	<i>b</i> ·1187	·1313	·1774
1880	<i>b</i> ·1341	·1443	·1748	<i>b</i> ·1313	·1580	·1980
1881	<i>b</i> ·0777	·0942	·1340	<i>b</i> ·0867	·1049	·1440
1882	<i>b</i> ·0672	·1028	·1350	<i>b</i> ·0723	·1091	·1447
1883	<i>b</i> ·0803	·11	·1512	<i>b</i> ·0901	·1163	·1620
1884	<i>b</i> ·0655	·085	·1232	<i>b</i> ·07	·10	·1320
1885	<i>b</i> ·063	·0801	·1232	<i>b</i> ·0654	·0902	·1320
1886	<i>b</i> ·0845	·1120	·14	<i>b</i> ·0910	·12	·1500
1887	<i>b</i> ·0850	·1120	·1470	<i>b</i> ·0950	·12	·1575
1888	<i>b</i> ·0671	·1026	·1354	<i>b</i> ·0705	·1114	·1450
1889	<i>b</i> ·0332	·0819	·126	<i>b</i> ·0692	·0897	·1500
1890	<i>b</i> ·0593	·0732	·1136	<i>b</i> ·0676	·0852	·1430
1891	<i>b</i> ·0632	·0753	·1400	<i>b</i> ·0695	·0857	·1500
1892	<i>b</i> ·0595	·0721	·1296	<i>b</i> ·0645	·0759	·1380
1893	<i>b</i> ·0718	·0797	·1365	<i>b</i> ·0766	·0848	·1463
1894	<i>b</i> ·0493	·0650	·1232	<i>b</i> ·0511	·0700	·1320
1895	<i>b</i> ·0450	·0640	·1029	<i>b</i> ·0486	·0696	·1189
1896	<i>b</i> ·0575	·0615	·1050	<i>b</i> ·0619	·0661	·1200
1897	<i>b</i> ·0453	·0692	·1143	<i>b</i> ·0522	·0742	·1250
1898	‡·0381	·0441	·0980	‡·0445	·0491	·1200
1899	‡·0508	·0583	·1008	‡·0581	·0663	·1160
1900	‡·0407	·0472	·0919	‡·0449	·0510	·0996
1901	‡·0461	·0516	·0921	‡·0511	·0554	·0988
1902	‡·0483	·0551	·0994	‡·0526	·0589	·1062
1903	‡·0485	·0578	·1054	‡·0540	·0637	·1129
1904	‡·0363	·0482	·1038	‡·0473	·0550	·1112
1905	‡·0476	·0519	·0940	‡·0553	·0640	·0990

a To Buffalo only. *b* Including Buffalo charges and tolls. ‡ Exclusive of Buffalo charges.

FOREIGN FREIGHT RATES.

ANNUAL average Freight Rates on Grain, Flour and Provisions (per 100 lbs.) from Chicago to European Ports, by all Rail to Sea-board and thence by steamers.

Shipped to	Articles.	1905.	1904.	1903.	1902.	1901.
		\$	\$	\$	\$	\$
Liverpool	Grain	·1916	·2019	·2268	·2085	·2147
"	Sacked flour.....	·2240	·2100	·2519	·2350	·2300
"	Provisions	·3849	·3656	·4190	·3625	·3600
Glasgow	Grain	·2000	·2238	·2443	·2175	·2410
"	Sacked flour.....	·2250	·2320	·2538	·2275	·2438
"	Provisions	·4323	·4406	·4688	·4188	·4516
London	Grain	·2023	·2150	·2356	·2175	·2323
"	Sacked flour	·2364	·2225	·2519	·2400	·2550
"	Provisions	·4088	·4406	·4406	·3906	·4475
Antwerp	"	·4370	·4828	·4969	·4150	·4625
Hamburg ..	"	·4575	·4600	·4700	·3900	·4400
Amsterdam ..	"	·4542	·4200	·4200	·4000	·4500
Rotterdam...	"	·4553	·4200	·4200	·4000	·4500
Copenhagen ...	"	·4866	·4688	·4969	·4200	·4775
Stockholm ...	"	·5147	·4969	·5250	·4500	·5325
Stettin	"	·4818	·4688	·4969	·4200	·4775
Bordeaux.....	"	·5145	·5625	·5625	·5125	·5425

LAKE FREIGHTS ON COAL FROM BUFFALO TO CHICAGO AND OTHER PORTS.

The following statement shows the average freight rate on Coal per net ton, in cents from Buffalo to the ports named, during the seasons of 1904 and 1905.

(Buffalo Merchants' Exchange.)

	1904.	1905.
Freight on hard Coal, Buffalo to Chicago, per ton.....	43	46
" " Milwaukee "	44	45
" " Duluth "	32	39

SESSIONAL PAPER No. 20a

STATEMENT showing the Total Values of Foreign Merchandise transported in the In-Transit and Transshipment Trade of the United States with the British North American Possessions, during each year from 1871 to 1905.

Year ending June 30.	Received for transit and transshipment from British North American Possessions			Shipped in transit to or transshipment for British North American Possessions.		
	By Land.	By Water.	Total.	By Land.	By Water.	Total.
	\$	\$	\$	\$	\$	\$
1871.....	6,035,585	1,918,475	7,954,060	15,624,591	2,781,884	18,406,475
1872.....	8,237,859	1,038,310	9,276,169	19,357,342	4,685,448	24,042,790
1873.....	11,700,787	1,693,906	13,394,693	20,178,666	6,605,518	26,784,184
1874.....	12,695,590	1,468,100	14,163,690	20,572,299	6,938,430	27,510,739
1875.....	16,890,022	1,152,555	18,042,577	23,794,129	6,006,166	29,800,295
1876.....	21,301,262	1,290,640	22,591,902	19,369,958	5,049,930	24,419,888
1877.....	10,835,642	1,636,053	12,471,695	17,066,855	1,910,298	18,977,153
1878.....	10,314,534	1,889,524	12,204,058	11,914,321	998,364	12,912,685
1879.....	10,098,998	1,982,097	12,081,095	12,030,635	858,952	12,889,587
1880.....	15,265,177	1,869,570	17,134,747	16,388,673	653,430	17,042,003
1881.....	15,200,967	1,801,079	17,002,046	22,828,270	527,994	23,356,264
1882.....	24,665,029	3,878,149	28,543,178	36,613,465	982,019	37,595,484
1883.....	26,382,370	3,420,450	29,802,820	38,389,318	923,250	39,312,568
1884.....	13,043,498	375,729	13,419,227	22,120,587	818,798	22,939,385
1885.....	12,755,686	767,927	13,523,613	19,105,476	594,982	19,700,458
1886.....	9,593,344	1,267,676	10,861,020	19,428,867	812,212	20,241,079
1887.....	9,377,041	2,127,680	11,504,721	20,178,365	2,009,590	22,187,955
1888.....	6,309,024	2,033,793	8,342,817	13,347,876	2,063,780	15,611,656
1889.....	8,303,171	3,032,952	11,336,123	19,299,966	2,849,263	22,149,229
1890.....	13,524,298	2,477,612	16,001,910	24,788,152	2,547,052	27,335,201
1891.....	18,065,925	1,714,545	19,780,470	25,185,706	2,697,317	27,883,023
1892.....	21,346,413	2,581,842	23,928,255	23,989,746	2,714,368	26,704,114
1893.....	13,807,662	4,077,911	17,885,573	20,151,432	2,568,679	22,720,111
1894.....	13,501,664	3,840,429	17,342,093	17,974,332	2,207,884	20,182,216
1895.....	14,068,922	5,552,940	19,621,862	18,752,226	2,970,068	21,722,294
1896.....	13,408,578	6,735,027	20,143,605	18,335,373	3,453,043	21,788,416
1897.....	17,665,422	6,928,401	24,593,823	18,430,841	2,232,835	20,663,676
1898.....	27,277,049	12,059,935	39,336,984	22,792,971	3,457,667	26,250,638
1899.....	28,248,759	8,312,962	36,561,721	22,593,761	2,941,282	25,535,043
1900.....	33,346,150	10,781,749	44,127,899	27,996,981	3,481,290	31,478,271
1901.....	37,680,071	7,066,038	44,746,109	27,899,903	2,655,676	30,555,579
1902.....	46,761,353	14,948,545	61,709,898	30,518,576	7,090,090	37,608,666
1903.....	45,026,422	16,460,954	61,487,376	32,349,527	3,178,199	35,527,726
1904.....	38,565,646	10,378,169	48,943,815	32,388,050	1,792,925	34,180,975
1905.....	33,785,940	8,716,958	42,502,898	28,214,191	1,870,526	30,084,717

NOTE.—This movement forms no part of the import and export trade.

TOTAL Values of Merchandise received from British North America for Immediate United States to British North America, and so shipped,

YEAR ENDING JUNE 30.	COUNTRIES FROM WHICH RECEIVED.				
	British North America.				
	Nova Scotia, New Brunswick, and Prince Edward Island.	Quebec, Ontario, Manitoba and the Northwest Territories.	British Columbia.	Newfoundland and Labrador.	Total.
	\$	\$	\$	\$	\$
1873.....	495,289	2,894,164	5,240	.....	13,394,693
1874.....	449,655	13,616,344	97,691	.....	14,163,690
1875.....	443,570	17,342,933	256,074	.....	18,042,577
1876.....	261,443	22,134,275	195,047	1,137	22,591,902
1877.....	160,658	12,092,619	218,418	.....	12,471,695
1878.....	163,978	11,627,114	412,966	.....	12,204,058
1879.....	194,129	11,606,832	280,079	55	12,081,095
1880.....	215,131	16,782,315	137,271	.....	17,134,717
1881.....	171,383	16,758,108	72,555	.....	17,002,046
1882.....	164,990	28,265,083	113,018	87	28,543,178
1883.....	561,791	29,204,031	36,973	25	29,802,820
1884.....	656,233	12,574,953	188,041	.....	13,419,227
1885.....	933,806	12,280,483	308,691	633	13,523,613
1886.....	1,165,973	9,303,864	359,104	32,079	10,861,020
1887.....	1,684,730	9,606,175	213,816	.....	11,504,721
1888.....	1,525,048	6,417,701	372,934	27,134	8,542,817
1889.....	2,596,233	8,355,178	294,859	89,853	11,336,123
1890.....	3,070,657	12,449,772	306,897	174,584	16,001,910
1891.....	3,859,079	15,310,945	422,806	187,640	19,780,470
1892.....	4,393,062	19,005,704	201,373	328,116	23,928,255
1893.....	1,009,597	16,404,425	89,565	381,986	17,885,573
1894.....	1,070,676	15,649,881	348,069	273,467	17,342,093
1895.....	1,199,782	17,774,108	411,557	236,415	19,621,862
1896.....	1,118,185	18,038,931	582,469	404,020	20,143,605
1897.....	1,118,055	22,497,151	611,322	367,295	24,593,823
1898.....	1,440,950	35,596,039	1,744,289	555,706	39,336,984
1899.....	1,618,399	30,673,265	3,708,928	561,129	36,561,721
1900.....	2,002,264	37,657,936	3,914,668	553,031	44,127,899
1901.....	1,788,641	38,382,558	4,070,940	503,970	44,746,109
1902.....	2,206,590	54,332,135	4,531,932	639,241	61,709,898
1903.....	2,191,174	55,023,403	3,490,180	782,619	61,487,376
1904.....	1,843,249	42,259,796	4,125,305	715,465	48,943,815
1905.....	1,465,066	37,094,646	3,154,327	788,859	42,502,898

SESSIONAL PAPER No. 20a

Transit across United States Territory for Immediate Transhipment in Ports of the during each Year from 1873 to 1905, inclusive.

COUNTRIES TO WHICH SHIPPED.					YEAR ENDING JUNE 30.
British North America.					
Nova Scotia, New Brunswick, and Prince Edward Island.	Quebec, Ontario, Manitoba and the North- west Territories.	British Columbia.	Newfound- land and Labrador.	Total.	
\$	\$	\$	\$	\$	
5,282,290	21,320,174	181,720	.....	26,784,184	1873
7,150,036	19,843,169	317,534	.....	27,310,739	1874
8,999,596	20,283,639	517,060	.....	29,800,295	1875
9,102,600	14,658,358	658,836	94	24,419,888	1876
2,879,422	15,551,238	544,018	2,475	18,977,153	1877
951,268	11,436,470	524,013	934	12,912,685	1878
889,539	11,520,877	476,824	2,347	12,889,587	1879
1,643,716	14,866,663	531,436	288	17,042,103	1880
1,778,836	20,857,827	719,268	333	23,356,264	1881
2,732,665	34,005,845	855,784	1,190	37,595,484	1882
2,455,557	35,878,389	971,307	7,335	39,312,568	1883
1,740,900	19,717,466	1,475,833	5,186	22,939,385	1884
1,635,442	16,448,942	1,615,293	781	19,700,458	1885
2,040,298	16,369,429	1,825,178	6,174	20,241,079	1886
1,621,748	19,930,296	635,841	70	22,187,955	1887
1,781,028	13,459,169	370,322	1,137	13,611,656	1888
2,484,787	18,993,957	665,527	2,704	22,146,975	1889
5,277,210	21,140,198	913,106	4,690	27,335,204	1890
5,605,614	21,695,992	547,144	34,273	27,883,023	1891
2,079,783	24,189,181	428,188	6,962	26,704,114	1892
2,052,357	20,232,400	409,055	26,289	22,720,111	1893
1,831,417	17,880,688	463,471	6,640	20,182,216	1894
1,834,745	19,320,714	558,991	7,844	21,722,294	1895
1,572,783	19,441,279	772,586	1,768	21,788,416	1896
1,682,538	17,660,211	1,312,797	8,130	20,663,676	1897
1,536,413	22,400,622	2,294,356	19,247	26,250,638	1898
1,215,518	19,605,819	4,685,559	27,147	25,535,043	1899
1,245,771	27,452,333	2,730,612	49,555	31,478,271	1900
1,161,875	24,634,780	4,687,000	71,924	30,555,579	1901
5,086,469	27,049,441	5,441,234	31,522	37,608,666	1902
1,268,469	32,290,433	1,949,975	18,849	35,527,726	1903
1,178,806	31,097,453	1,865,573	39,143	34,180,955	1904
1,052,641	27,248,680	1,735,442	47,954	30,084,717	1905

TOTAL Values of Merchandise received from the Principal and other Foreign Countries
in Ports of the United States to other Foreign Countries,

YEAR ENDING JUNE 30.	COUNTRIES FROM WHICH RECEIVED.					
	Great Britain and Ireland.	Germany.	British North American Possessions.	Mexico.	Cuba.	Other Countries.
	\$	\$	\$	\$	\$	\$
1868	10,664,576	132,074	4,864,209	14,967	4,263,621	1,576,157
1869	10,891,698	150,382	5,852,678	60,715	2,373,474	1,767,037
1870	10,210,455	302,806	7,215,973	103,977	3,309,227	2,049,422
1871	13,473,915	322,110	7,954,060	344,179	1,367,573	1,913,200
1872	17,633,231	227,232	9,276,169	174,104	2,227,422	1,847,162
1873	19,144,815	250,704	13,394,693	286,607	5,737,904	1,284,462
1874	18,832,900	211,907	14,163,690	151,920	4,563,869	926,390
1875	18,657,276	325,648	18,042,577	115,527	1,759,308	1,785,947
1876	14,304,197	290,489	22,591,902	226,315	2,962,963	1,686,789
1877	13,732,085	337,897	12,471,695	158,852	1,095,451	1,460,793
1878	10,084,510	378,768	12,204,058	146,822	3,041,957	1,481,033
1879	8,795,340	521,917	12,081,095	222,320	1,954,042	1,521,153
1880	10,311,139	620,704	17,134,747	239,655	3,606,099	1,942,405
1881	14,898,052	721,344	17,002,046	217,444	2,642,550	2,222,122
1882	18,911,637	755,560	28,543,178	380,100	5,662,926	3,812,058
1883	20,242,222	1,149,195	29,802,820	281,309	3,126,069	4,276,712
1884	14,038,694	948,901	13,419,227	408,124	3,655,568	4,345,878
1885	11,064,186	1,140,548	13,523,613	308,293	4,853,354	3,545,544
1886	13,142,644	1,462,414	10,861,020	216,078	6,797,879	4,558,229
1887	17,977,200	1,670,952	11,504,721	111,635	6,780,853	4,720,760
1888	13,707,240	1,817,511	8,342,817	120,497	4,820,846	4,534,298
1889	19,080,647	2,582,456	11,336,123	296,654	9,054,736	5,052,610
1890	20,664,427	2,735,546	16,002,384	639,050	9,759,256	5,898,763
1891	20,879,851	2,819,238	19,780,470	565,338	6,977,901	6,475,119
1892	21,334,783	2,930,571	23,928,255	1,383,455	11,054,445	8,936,228
1893	20,387,339	3,466,885	17,885,573	1,652,200	10,131,171	14,426,669
1894	19,641,622	3,717,749	17,342,093	1,858,367	9,916,742	19,031,011
1895	18,531,083	4,122,899	19,621,862	2,515,091	10,420,277	10,465,981
1896	19,420,751	3,460,489	20,143,605	1,797,161	11,668,243	13,272,521
1897	17,513,324	3,183,390	24,593,823	1,903,924	9,589,820	13,275,822
1898	18,931,226	3,775,038	39,336,984	2,625,521	4,763,587	11,587,069
1899	16,594,043	4,069,828	36,561,721	3,519,942	8,372,450	10,910,462
1900	23,152,099	3,915,766	44,127,899	4,245,695	9,316,066	13,793,937
1901	21,771,394	4,681,613	44,746,109	4,659,259	15,680,902	14,821,842
1902	22,782,353	4,826,666	61,709,898	5,303,403	10,598,013	13,305,527
1903	22,583,099	5,564,526	61,487,376	6,681,984	10,190,906	15,478,227
1904	23,491,354	4,622,814	48,943,815	7,001,399	12,763,500	17,197,068
1905	20,581,822	5,218,572	42,502,898	5,545,098	11,391,223	18,525,147

SESSIONAL PAPER No. 20a

for Immediate Transit across United States Territory or for Immediate Transshipment and so shipped, for each Year from 1868 to 1905, inclusive.

COUNTRIES TO WHICH SHIPPED.						Total Value of Merchandise received and shipped.	YEAR ENDING JUNE 30.
Great Britain and Ireland.	Germany.	British North American Possessions.	Mexico.	Cuba.	Other Countries.		
\$	\$	\$	\$	\$	\$	\$	\$
2,025,023	3,212,123	14,375,419	481,643	116,521	1,304,875	21,516,604	.....1868
2,693,525	1,547,602	15,033,821	448,300	72,875	1,299,861	21,095,984	.....1869
2,946,053	2,116,249	16,689,037	321,331	135,915	983,275	23,191,860	.....1870
4,031,319	1,033,307	18,406,475	346,872	345,224	1,211,840	25,375,037	.....1871
2,743,494	2,263,819	24,042,790	358,151	179,570	1,797,496	31,385,320	.....1872
5,144,175	5,622,325	26,784,184	235,113	319,771	1,993,617	40,099,185	.....1873
5,391,201	3,866,642	27,310,739	665,214	520,493	1,096,387	38,850,676	.....1874
7,229,912	1,495,285	29,860,295	1,155,004	248,358	757,429	40,686,283	.....1875
11,791,200	2,958,558	24,419,888	1,129,440	600,061	1,163,508	42,062,655	.....1876
7,758,501	1,108,298	18,977,153	329,577	306,311	776,933	29,256,773	.....1877
9,577,050	2,905,230	12,912,685	316,664	319,611	1,305,908	27,337,148	.....1878
8,175,951	2,252,572	12,889,587	330,968	174,757	1,272,032	25,095,867	.....1879
10,856,579	3,658,477	17,042,103	300,148	224,848	1,775,594	33,857,749	.....1880
9,122,079	2,729,246	23,356,264	671,008	177,340	1,648,121	37,704,048	.....1881
11,592,806	5,336,361	37,595,484	800,025	319,257	2,421,526	58,065,459	.....1882
11,089,865	2,758,994	39,312,568	2,282,473	352,552	3,081,875	58,878,327	.....1883
5,288,389	2,960,488	22,939,385	2,748,434	221,061	2,656,635	36,814,392	.....1884
7,235,519	3,771,524	19,700,458	1,262,515	119,376	2,346,146	34,435,538	.....1885
8,510,097	3,803,566	20,241,079	1,279,399	452,700	2,751,423	37,038,264	.....1886
10,052,219	4,353,992	22,187,955	2,002,476	608,121	3,561,358	42,766,121	.....1887
6,853,195	2,551,043	15,611,656	3,766,180	563,539	3,997,596	33,343,209	.....1888
9,233,659	4,581,064	22,146,975	4,781,110	892,158	5,768,287	47,403,253	.....1889
10,656,465	5,097,434	27,335,678	4,944,149	1,215,399	6,450,301	55,699,426	.....1890
11,968,808	3,640,940	27,883,023	5,052,318	966,851	7,985,977	57,497,917	.....1891
20,141,862	6,995,419	26,704,114	4,953,911	1,472,980	9,299,451	69,567,737	.....1892
18,511,287	7,986,637	22,720,111	4,607,549	2,034,761	12,089,492	67,949,837	.....1893
18,394,865	11,154,933	20,182,216	4,543,455	2,586,919	16,645,187	71,507,575	.....1894
20,562,325	6,684,735	21,722,294	4,512,293	1,951,985	10,243,561	65,677,193	.....1895
20,022,263	7,942,844	21,788,416	5,210,607	1,890,705	12,907,932	69,762,770	.....1896
24,809,259	5,333,860	20,663,676	5,320,563	2,058,454	11,874,291	70,060,103	.....1897
33,276,696	3,807,811	26,250,638	5,543,843	1,728,780	10,411,607	81,019,375	.....1898
29,695,600	5,711,338	25,535,043	5,669,214	2,760,086	10,657,165	80,028,446	.....1899
37,383,450	6,488,502	31,478,271	6,965,660	3,484,521	12,751,058	98,551,462	.....1900
37,506,242	14,204,010	30,555,579	8,110,116	3,577,929	12,407,243	106,361,119	.....1901
50,307,083	6,701,903	37,608,666	8,083,313	3,128,575	14,696,320	118,525,860	.....1902
51,137,598	6,851,163	35,527,726	9,577,354	3,080,344	15,811,933	121,986,118	.....1903
39,310,136	8,623,603	34,180,975	10,878,351	3,882,760	17,144,125	114,019,950	.....1904
33,504,288	7,226,276	30,084,717	10,621,300	4,292,983	17,935,196	103,664,760	.....1905

FOREIGN CARRYING TRADE.

VALUE of the Imports and Exports of the United States carried respectively in cars and other land vehicles, in American vessels and in foreign vessels during each Fiscal Year, from 1857 to 1905 inclusive, with the percentage carried in American vessels (coin and bullion are included from 1857 to 1879 inclusive), as method of transportation of specie and merchandise cannot be separately stated.

Year ending June 30.	IMPORTS.			EXPORTS.			IMPORTS AND EXPORTS.				Percentage carried in American vessels.
	In cars and other land vehicles	In American vessels.	In Foreign vessels.	In cars and other land vehicles	In American vessels.	In Foreign vessels.	In cars and other land vehicles	In American vessels.	In Foreign vessels.	Total.	
1857		259,116,170	101,773,971		251,214,857	111,745,825		510,331,027	213,519,796	723,850,823	70.5
1858		203,700,016	78,913,134		243,491,288	81,153,133		447,191,304	160,066,267	607,257,571	73.7
1859		216,123,428	122,644,702		249,617,953	107,171,509		465,741,381	229,816,211	695,557,592	66.9
1860		228,164,855	134,001,399		279,082,902	121,039,394		507,247,757	255,040,793	762,288,550	66.5
1861		201,544,055	134,106,098		179,972,733	69,372,180		381,516,788	203,478,278	584,995,066	65.2
1862		92,274,100	113,497,629		125,421,318	104,517,667		217,695,418	218,015,296	435,710,714	50.0
1863		109,744,580	143,175,340		132,127,891	199,880,691		241,872,471	343,056,031	584,928,502	41.4
1864		81,212,077	248,350,818		102,849,409	237,442,730		184,061,486	485,793,548	669,855,034	27.5
1865		74,385,116	174,170,336		93,017,756	262,839,588		167,402,872	437,010,124	604,412,996	27.7
1866		112,040,395	333,471,763		213,671,466	351,754,928		325,711,861	685,226,691	1,010,938,552	32.2
1867		117,209,536	300,622,035		180,625,368	280,708,368		297,834,904	581,330,403	879,165,307	33.9
1868		122,965,225	248,659,583		175,106,348	301,886,491		297,981,573	550,546,074	848,527,647	35.1
1869		136,802,024	300,512,231		153,154,748	285,979,781		289,956,772	586,492,012	876,448,784	33.1
1870		153,237,077	309,140,510		199,732,324	329,786,978		352,969,401	638,927,488	991,896,889	35.6
1871	15,187,354	163,285,710	363,020,644	7,798,156	190,378,462	392,801,932	22,985,510	353,664,172	755,822,576	1,132,472,258	31.2
1872	17,635,681	177,286,302	445,416,783	10,015,089	168,044,799	393,929,579	27,650,770	345,341,101	839,346,362	1,212,328,233	28.5
1873	17,070,548	174,739,834	471,806,765	10,799,430	171,566,758	494,915,886	27,869,978	346,306,592	966,723,651	1,340,899,221	25.8
1874	14,513,335	176,027,778	405,320,135	8,509,205	174,424,216	533,885,971	23,022,540	350,451,994	939,206,106	1,312,680,640	26.7
1875	13,083,859	157,872,726	382,949,568	7,304,356	156,385,066	501,838,949	20,388,235	314,257,792	884,788,517	1,119,434,544	25.8
1876	12,148,667	143,389,704	321,139,500	6,324,487	167,686,467	492,215,487	18,473,154	311,076,171	813,354,987	1,142,904,312	27.2
1877	10,697,640	151,834,067	329,565,833	6,767,170	164,826,214	530,354,703	17,464,810	316,660,281	859,920,536	1,194,045,627	26.5
1878	12,965,999	146,499,282	307,407,565	7,511,365	166,551,624	569,583,564	20,477,364	313,050,906	876,991,129	1,210,519,399	25.9
1879	11,983,823	143,590,353	310,499,599	7,439,862	128,425,339	600,769,633	19,423,685	272,015,692	911,269,232	1,202,708,609	22.6
1880	15,142,465	149,317,368	503,494,913	5,838,928	109,029,209	720,770,521	20,981,393	258,346,577	1,224,265,434	1,503,593,404	17.18
1881	17,193,213	133,631,146	491,840,269	8,259,308	116,955,324	777,162,714	25,452,521	250,586,470	1,269,002,983	1,545,041,974	16.22
1882	22,854,946	130,266,826	571,517,802	12,118,371	96,962,919	641,460,967	34,973,317	227,229,745	1,212,978,769	1,475,181,831	15.40
1883	23,003,048	136,002,290	564,175,576	25,089,844	104,418,210	694,331,348	48,092,892	240,420,500	1,258,506,024	1,547,020,316	15.54
1884	20,140,294	135,046,207	512,511,192	26,573,774	98,652,828	615,287,007	46,714,068	233,699,035	1,127,798,199	1,408,211,302	16.60
1885	21,149,476	112,864,052	443,513,801	24,183,299	82,001,691	636,004,765	45,332,775	194,865,743	1,079,518,566	1,319,717,084	14.76
1886	24,555,683	118,942,817	491,937,636	19,144,667	78,406,680	581,973,477	43,700,350	197,349,503	1,073,911,113	1,314,960,966	15.01
1887	27,562,059	121,365,493	543,392,216	21,389,666	72,991,253	621,802,292	48,951,725	194,356,746	1,165,194,508	1,408,502,979	13.80

SESSIONAL PAPER No. 20a

1888..	32,209,459	123,525,298	568,222,357	22,147,368	67,332,175	606,474,964	54,356,827	190,857,473	1,174,697,321	1,419,911,621	13.44
1889..	38,227,861	120,782,910	586,120,881	28,436,517	83,022,198	630,942,660	66,664,378	803,805,108	1,217,063,541	1,487,533,027	13.70
1890..	40,621,361	124,948,948	623,740,100	32,949,902	77,502,138	747,376,644	73,576,263	202,451,086	1,371,116,744	1,647,139,093	12.29
1891..	40,932,755	127,471,678	676,511,763	31,923,439	78,968,047	773,589,324	72,856,194	206,439,725	1,450,101,087	1,729,397,006	11.94
1892..	39,726,595	139,139,891	648,535,976	33,220,629	81,033,844	916,023,675	72,947,224	220,173,735	1,564,559,651	1,857,680,610	11.85
1893..	44,121,094	127,095,434	695,184,394	43,862,947	70,670,073	733,132,174	87,984,011	197,765,507	1,428,316,568	1,714,066,116	12.2
1894..	29,623,095	121,561,193	503,810,334	49,221,427	73,707,023	719,212,122	78,844,522	195,268,216	1,273,022,456	1,547,135,194	13.3
1895..	33,201,988	108,229,615	590,538,362	49,902,754	62,277,581	695,357,830	83,104,742	170,507,196	1,285,896,192	1,589,508,130	11.7
1896..	35,535,079	117,299,074	626,890,521	61,131,125	70,392,813	751,083,000	96,666,204	187,691,887	1,377,973,521	1,662,331,612	12.00
1897..	35,812,620	109,133,454	619,784,338	65,082,305	79,441,823	905,969,428	100,894,925	189,075,277	1,525,753,766	1,815,723,968	11.00
1898..	30,427,784	93,535,867	492,086,003	73,283,704	67,792,150	1,090,406,476	103,711,488	161,328,017	1,582,492,479	1,847,531,984	9.30
1899..	33,424,821	82,050,118	581,673,550	83,870,907	78,562,088	1,064,590,307	117,295,728	160,612,206	1,646,263,857	1,924,171,791	8.9
1900..	44,412,509	104,304,940	701,223,735	110,483,141	96,779,252	1,193,220,689	154,895,650	195,084,192	1,894,444,424	2,244,424,266	9.3
1901..	47,100,814	93,055,493	683,015,858	111,900,931	84,343,122	1,291,520,938	159,001,745	177,398,615	1,974,536,796	2,310,937,156	8.2
1902..	55,366,711	102,188,002	744,766,235	123,824,337	83,631,985	1,174,263,079	180,191,048	185,819,987	1,919,029,314	2,285,040,349	8.8
1903..	66,208,195	123,666,832	835,841,210	138,851,301	91,028,200	1,190,262,178	205,059,496	214,695,032	2,026,106,388	2,445,860,916	9.1
1904..	66,239,120	132,253,065	790,595,186	152,736,889	97,482,054	1,210,608,328	220,976,009	229,735,119	2,001,293,514	2,451,914,642	10.3
1905..	78,725,270	160,649,571	878,138,230	154,234,890	126,891,607	1,210,618,144	232,960,160	287,541,178	2,088,756,374	2,609,257,712	11.09

NOTE.—1. The amounts carried in cars and other land vehicles, were not separately stated prior to July 1, 1870. 2. Exports are stated in mixed gold and currency values from 1862 to 1879, inclusive.

6-7 EDWARD VII., A. 1907

C.—TABLE showing the Tonnage of the undermentioned Articles moved

Years.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Vegetable Food.*
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869.	71,051	670,534	256,475	99,012	92,309	13,489	99,743
1870.	54,978	658,524	193,129	123,191	117,941	19,520	127,727
1871.	41,211	748,549	672,057	113,992	129,891	34,563	109,935
1872.	20,534	403,903	902,753	120,061	92,959	13,357	120,753
1873.	19,307	803,064	637,296	70,586	70,028	30,160	114,735
1874.	29,134	772,163	519,203	98,654	59,408	8,215	280,821
1875.	17,635	744,293	282,031	104,475	62,717	8,309	86,090
1876.	9,290	416,376	365,254	96,494	52,147	19,949	104,783
1877.	8,923	448,043	723,458	139,453	66,045	35,948	77,114
1878.	5,904	844,555	734,993	89,534	85,029	64,613	88,106
1879.	7,164	949,466	621,180	96,144	23,164	59,210	77,071
1880.	8,266	966,052	1,156,619	106,247	20,893	26,340	86,673
1881.	6,926	444,832	475,823	81,587	30,321	15,484	61,588
1882.	9,372	642,215	251,687	96,650	22,180	43,372	53,300
1883.	9,047	573,740	522,978	58,787	51,607	95,246	67,595
1884.	7,251	790,409	198,216	65,008	52,696	71,462	51,944
1885.	6,869	565,922	359,982	64,587	8,234	10,211	47,505
1886.	9,005	993,129	354,765	62,854	7,278	3,073	59,782
1887.	4,089	936,840	446,617	75,458	35,365	6,717	47,678
1888.	3,287	491,419	499,218	41,100	70,315	12,532	49,087
1889.	4,429	484,141	592,550	66,110	63,674	36,329	49,663
1890.	3,489	353,738	616,702	90,754	48,438	21,657	33,123
1891.	3,126	756,101	142,141	71,903	16,362	68,771	33,951
1892.	4,879	620,768	150,269	51,596	72,444	4,236	33,807
1893.	2,367	1,093,927	252,283	49,651	24,714	6,518	20,656
1894.	2,909	903,361	275,377	89,700	100,874	5,288	22,620
1895.	2,240	280,550	94,403	77,868	87,839	205	59,400
1896.	7,963	408,872	100,227	109,967	197,713	77,210	55,230
1897.	3,206	180,035	312,776	100,337	50,345	66,387	31,489
1898.	1,854	69,986	364,248	89,906	76,244	7,745	43,044
1899.	1,247	282,422	92,670	78,627	93,733	5,931	22,856
1900.	1,171	138,302	189,013	63,204	36,435	10,478	34,254
1901.	747	214,854	87,392	55,502	88,521	10,326	99,757
1902.	1,328	291,938	33,001	75,314	44,678	18,503	24,291
1903.	1,075	143,832	191,351	71,837	62,326	12,027	30,153
1904.	1,297	101,260	68,381	88,626	82,824	2,631	16,584
1905.	230	110,085	26,223	96,847	94,437	3,717	14,661

* Apples, meal of all kinds, potatoes.

SESSIONAL PAPER No. 20a

on all Canals in the State of New York, during a series of thirty-seven years.

HEAVY GOODS.						
Total.	Railway Iron.	Other Iron.	Salt.	Coal.	Ores.	Total.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1,302,613	137,677	79,652	263,333	1,324,408	183,992	1,989,062
1,295,010	135,930	89,708	266,740	1,558,185	238,802	2,289,365
1,850,198	178,269	100,310	248,709	1,194,037	289,952	2,011,277
1,674,320	161,667	96,996	248,558	1,462,590	377,592	2,347,403
1,745,171	53,363	62,581	216,706	1,625,859	415,968	2,374,477
1,767,598	24,511	82,955	173,590	1,413,162	232,544	1,926,762
1,305,550	36,603	95,305	186,785	1,217,091	283,219	1,819,003
1,064,293	11,691	69,450	114,070	1,036,698	173,530	1,405,439
1,498,984	10,341	58,828	156,918	1,286,881	250,573	1,763,541
1,912,734	8,385	65,642	139,927	889,873	210,078	1,313,905
1,833,399	27,634	99,568	136,021	971,074	314,411	1,548,708
2,371,090	93,613	139,993	144,487	959,342	370,884	1,709,319
1,116,561	78,650	205,005	113,756	1,092,003	337,873	1,827,287
1,118,776	58,921	122,786	108,040	1,228,435	364,361	1,882,543
1,379,000	46,553	47,412	190,392	1,152,849	293,892	1,731,098
1,236,986	28,513	54,471	161,788	954,288	210,610	1,400,670
1,063,310	12,215	38,726	161,272	1,025,941	195,750	1,433,904
1,489,886	10,878	152,030	112,002	857,884	269,914	1,402,708
1,552,764	21,368	224,979	124,054	905,424	243,578	1,539,403
1,166,958	2,596	43,881	106,344	1,219,680	259,269	1,631,770
1,296,896	3,278	78,135	112,100	1,094,897	234,948	1,522,358
1,167,901	5,800	26,804	93,181	830,154	202,072	1,157,291
1,092,355	1,960	36,770	81,232	881,502	215,686	1,217,150
937,999	524	40,073	93,216	832,397	136,612	1,102,822
1,450,116	536	25,204	52,094	741,934	102,275	922,043
1,400,129	267	22,614	70,353	609,368	37,641	740,243
602,505	4,263	59,402	71,334	766,723	144,076	1,045,798
957,182	1,568	74,651	33,309	682,167	89,998	931,692
744,575	5,080	71,117	66,879	646,803	76,311	866,190
653,027	6,288	101,216	85,525	626,616	73,199	892,844
577,486	2,725	69,106	91,068	777,743	205,234	1,145,876
472,857	833	49,036	88,635	809,187	103,514	1,051,205
557,099	7 9	30,110	100,080	774 538	90,656	996,093
489,053	15	24,077	111,430	567,911	115,983	819,416
512,601	181	21,577	111,955	733,369	101,752	968,834
361,333	40	25,321	109,711	707,340	80,191	922,603
346,200	1,030	26,409	108,801	646,440	62,574	845,254

D.—TABLE showing the total Tonnage of the undermentioned Articles moved Up and Down

Year.	VEGETABLE FOOD.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye	Other Articles. †
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*.....	45,674	313,825	120,599	20,951	.....	904	1,937
1872.....	26,651	239,998	254,902	6,035	7,752	64	2,745
1873.....	30,665	355,847	180,169	8,225	1,194	3	3,777
1874.....	24,019	413,212	181,151	18,871	5,954	513	8,677
1875.....	13,964	253,835	103,749	35,751	3,383	917	6,337
1876.....	15,778	201,906	144,501	18,455	24,496	1,454	3,198
1877.....	13,558	253,953	169,196	19,870	2,810	2,439	2,355
1878.....	9,121	191,982	185,931	10,979	3,088	.....	2,302
1879.....	10,710	274,570	144,506	4,655	1,239	440	2,444
1880.....	12,679	242,020	163,738	17,772	477	1,016	1,480
1881.....	9,959	127,832	101,075	24,509	.....	1,844	2,086
1882.....	12,261	215,056	54,799	20,126	611	3,226	403
1883.....	13,471	152,794	182,269	10,436	731	1,642	10,983
1884.....	13,683	144,851	118,811	7,155	10,746	1,320	9,168
1885.....	13,334	124,206	117,536	15,801	1,116	.....	1,912
1886.....	19,474	154,169	219,442	1,595	4,911	564	14,657
1887.....	23,949	221,927	114,938	9,574	12,050	.....	12,533
1888.....	16,983	160,963	194,886	5,906	26,629	811	13,608
1889.....	7,931	126,664	353,595	4,272	28,356	2,673	18,552
1890.....	14,461	118,002	327,394	10,830	27,728	1,549	20,876
1891.....	13,517	198,658	185,180	8,113	52,959	65,888	28,042
1892.....	17,046	232,019	192,548	6,433	37,173	9,392	32,815
1893....	15,235	258,392	441,092	18,599	31,283	3,671	36,981
1894.....	33,628	270,993	169,233	28,353	27,962	567	60,673
1895.....	44,044	203,088	164,894	8,689	18,236	1,007	46,463
1896.....	42,425	320,563	320,444	11,368	28,178	9,405	56,591
1897....	9,065	324,743	390,615	14,173	25,161	8,483	44,674
1898.....	5,578	207,647	437,861	12,286	17,502	16,127	23,182
1899.....	11,625	197,732	204,004	2,907	24,037	923	18,460
1900.....	10,968	137,800	163,509	4,035	41,055	3,538	14,815
1901... ..	18,978	151,586	67,756	7,119	28,485	2,961	14,024
1902.....	22,282	225,171	67,647	7,418	11,232	4,079	12,963
1903....	25,998	259,031	210,758	14,656	7,911	4,904	13,994
1904.....	35,049	165,138	116,444	27,171	16,582	.....	13,184
1905... ..	38,512	254,458	180,921	55,432	36,072	1,711	9,883

* Fiscal. † Apples, meal all kinds, pease, potatoes.

SESSIONAL PAPER No. 20a

through the Welland Canal, during a period of thirty-five years, ended Dec. 31, 1905.

HEAVY GOODS.							
Total.	Railway Iron.	Other Iron.	Salt.	Iron and Salt having paid full tolls on St. Lawrence Canals.	Coal.	Ores.	Total.
Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
503,860	68,064	16,924	91,575	37,153	103,126	58,781	275,623
538,147	26,217	17,141	50,540	44,243	186,932	98,605	3,678
579,880	6,923	20,754	40,850	17,157	339,016	118,685	43,387
647,397	6,032	12,068	23,309	9,579	323,503	56,825	431,316
417,936	1,517	7,588	13,509	9,962	321,306	43,683	397,565
409,788	51	7,997	30,300	20,327	288,211	81,654	378,540
464,181	9,630	9,696	9,173	3,983	323,869	42,758	399,109
403,403	10	11,518	3,980	12,686	295,318	15,229	338,741
438,564	2,782	5,797	7,174	17,796	192,957	19,164	245,670
442,182	5,360	4,812	413	22,273	109,986	34,139	176,983
269,395	4,585	7,013	10	30,682	128,113	18,785	189,188
306,482	.....	5,348	50	17,327	237,559	23,700	283,984
373,326	1,237	7,922	66	17,037	307,058	31,785	365,105
305,734	698	652	461	3,242	274,471	53,205	332,729
273,905	78	2,055	597	14,243	248,272	26,728	291,973
414,812	166	6,123	48	12,324	271,356	27,447	317,464
394,971	1,351	5,636	.....	6,715	145,193	13,866	172,761
419,786	93	3,220	316	13,617	223,871	16,872	257,989
542,043	47	2,479	1,254	20,269	268,305	2,435	294,789
519,291	.....	753	1,027	28,047	202,384	8,138	240,349
367,177	127	1,610	2,567	7,953	224,644	3,415	240,316
527,426	163	1,567	878	3,666	211,616	355	218,245
805,253	6	2,075	374	8,139	233,096	.....	243,690
591,409	.....	3,072	159	977	203,608	.....	207,816
486,421	185	6,245	54	2,819	158,866	1,140	169,309
788,974	1,192	6,332	82	3,264	223,445	1,158	235,473
816,914	7,206	17,012	227	590	176,226	.....	201,261
720,183	1,444	11,722	799	734	162,336	13,433	190,468
459,688	567	6,361	1,282	1,318	97,732	26,125	133,385
375,720	.....	8,190	533	4,800	47,392	58,400	119,315
290,909	83	6,094	327	8,773	49,480	99,487	164,244
350,792	64	7,488	.....	15,201	64,014	22,480	109,247
537,252	488	5,407	2,554	45,846	147,884	18,323	220,502
373,568	11,381	9,957	1,093	4,164	113,525	39,683	179,803
576,989	2,651	10,912	226	4,221	172,642	22,381	213,033

6-7 EDWARD VII., A. 1907

E.—TABLE showing the tonnages of the undermentioned Articles cleared at Buffalo and Tonawanda, for transit through the Erie Canal, for a series of thirty-seven years.

VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles *	Total.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
1869.	5,609	490,904	219,874	1,978	63,728	2,150	2,193	786,436	.....	.....
1870.	8,258	502,158	165,577	19,944	89,156	10,593	6,906	802,592	2·05	.....
1871.	5,607	570,849	579,709	19,810	106,391	27,622	5,705	1,315,693	67·59	.....
1872. ....	.....	330,032	866,169	41,515	73,572	5,900	88	1,317,276	67·50	.....
1873.	6	737,167	611,675	8,636	51,615	22,441	634	1,432,174	82·10	.....
1874. ....	.....	650,161	459,728	3,192	44,079	112	237	1,157,509	47·18	.....
1875.	5,859	695,315	273,006	1,156	36,609	2,242	3,372	1,017,559	29·38	.....
1876.	231	377,317	356,064	6,334	24,488	12,205	4,691	783,331	.....	0·39
1877.	1,710	398,416	709,723	26,351	52,559	27,365	4,976	1,223,100	55·52	.....
1878.	987	775,953	718,714	21,665	69,256	51,064	6,662	1,644,301	109·08	.....
1879.	1,239	892,404	602,171	7,193	14,537	40,471	7,528	1,565,543	99·07	.....
1880.	2,743	897,603	131,857	434	16,154	12,137	4,256	2,065,184	162·06	.....
1881.	1,491	386,605	458,318	86	24,751	107	7,484	878,842	11·75	.....
1882.	1,123	586,019	241,406	1,858	9,046	19,158	6,216	864,826	9·96	.....
1883.	538	535,150	517,219	6,816	47,190	79,010	6,051	1,191,974	51·06	.....
1884.	520	767,784	194,368	4,910	47,060	57,856	4,411	1,078,909	37·18	.....
1885.	323	540,533	356,737	3,317	5,610	6,405	5,427	918,352	14·36	.....
1886.	488	955,851	351,272	6,799	5,180	.....	4,001	1,353,591	72·11	.....
1887.	334	914,152	438,069	15,207	32,907	4,612	44,693	1,449,984	85·64	.....
1888.	534	469,965	494,110	6,589	68,922	10,997	1,717	1,052,834	33·87	.....
1889.	845	457,922	579,526	16,380	61,175	34,167	5,160	1,155,175	46·88	.....
1890.	195	329,531	498,641	58,563	45,202	16,903	4,362	953,397	21·23	.....
1891.	1,071	733,967	137,679	43,779	14,803	66,278	2,594	1,000,171	27·18	.....
1892.	2,485	611,177	141,506	37,570	70,363	3,997	3,472	870,570	10·69	.....
1893.	424	1,086,834	240,767	38,986	21,981	6,156	243	1,395,391	77·43	.....
1894.	327	887,908	265,947	69,707	99,898	5,191	2,123	1,331,101	69·26	.....
1895.	98	271,957	83,611	71,185	85,507	205	15	508,596	.....	35·32
1896.	6,971	402,114	89,726	101,154	194,442	77,162	5,575	877,144	11·53	.....
1897.	1,665	168,870	303,761	88,293	48,591	65,490	11,965	688,635	.....	12·44
1898. ....	.....	64,760	354,917	85,359	74,336	7,367	20,818	607,557	.....	22·74
1899. ....	.....	271,848	84,370	72,892	92,919	5,839	.....	527,868	.....	32·89
1900.	62	129,683	184,996	53,472	33,564	10,478	25,621	438,434	.....	44·11
1901.	3	211,317	86,240	45,624	87,357	10,326	32,862	473,729	.....	39·76
1902. ....	.....	289,207	30,293	50,500	43,162	18,503	5,278	436,943	.....	44·44
1903. ....	.....	140,508	183,856	47,857	61,060	12,027	510	445,818	.....	43·31
1904. ....	.....	47,318	57,277	31,507	78,430	1,413	.....	215,945	.....	72·54
1905. ....	.....	107,281	24,917	78,780	91,418	3,572	1,653	307,621	.....	60·88

* Apples, meal all kinds, pease, potatoes.

SESSIONAL PAPER No. 20a

STATEMENT to Table E, showing the shipment at Oswego during the same period.

VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles. *	Total.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
1869.....	7,361	141,360	28,585	66,794	1,113	8,569	14,033	267,815	..	.. . .
1870.....	11,440	115,732	10,120	77,906	3,953	7,402	11,628	238,181	...	11·06
1871.....	10,043	123,173	70,218	72,675	1,806	6,250	13,259	297,424	11·05	.....
1872.....	4,773	57,865	27,148	62,172	684	6,751	10,425	169,818	...	36·59
1873.....	4,061	53,361	10,578	46,337	670	6,019	10,739	131,765	.....	50·80
1874.....	.....	108,288	46,127	77,007	1,103	7,053	3,747	243,325	.....	9·14
1875.....	1,728	32,690	3,034	75,083	3,308	4,989	5,931	126,763	.....	52·67
1876.....	967	21,890	1,324	63,336	117	5,703	6,638	99,975	....	62·67
1877.....	855	28,955	3,308	80,306	316	6,603	6,556	126,899	.....	52·61
1878.....	1,394	24,171	1,383	50,381	.....	10,598	5,222	93,149	....	65·21
1879.....	734	25,740	9,268	71,693	.....	16,623	3,110	127,168	.....	52·51
1880.....	951	17,466	15,656	82,743	.....	12,598	5,996	135,410	.....	49·43
1881.....	758	25,352	8,064	62,793	206	14,444	4,027	115,638	.....	56·82
1882.....	813	20,274	4,401	70,862	416	22,265	7,773	126,804	.....	52·65
1883.....	432	22,634	535	32,557	.....	14,384	1,967	72,507	.....	73·00
1884.....	404	5,932	413	48,391	.....	12,173	2,819	70,132	.....	73·43
1885.....	519	6,484	22	45,264	.....	4,613	2,945	59,847	....	77·62
1886.....	737	9,579	154	42,261	.....	1,671	4,814	59,216	..	77·88
1887.....	790	675	2	44,580	..	716	1,370	48,133	....	82·02
1888.....	384	2,206	168	6,237	.....	.....	2,196	11,191	.....	95·82
1889.....	473	8,002	8,950	40,096	16	1,405	1,003	59,945	....	77·61
1890.....	545	10,378	10,408	26,639	8	4,635	2,356	54,969	.....	79·47
1891.....	292	4,298	1,652	27,418	.....	2,130	3,620	39,410	....	85·28
1892.....	273	4,806	5,657	5,283	..	199	2,340	18,558	....	93·07
1893.....	119	2,036	3,968	8,476	.....	237	2,784	17,620	.....	93·43
1894.....	8	10,293	10,514	17,160	.....	.....	2,609	40,584	.....	84·84
1895.....	66	3,073	7,352	1,900	1,816	.....	258	14,465	.....	94·23
1896.....	.....	1,825	7,778	7,552	.....	.....	2,468	19,623	...	93·01
1897.....	.....	6,588	5,550	7,349	498	219	245	20,449	.....	92·37
1898.....	160	2,111	5,886	1,450	16	.....	784	10,407	....	96·12
1899.....	216	3,106	4,478	2,400	.....	.....	2,346	12,546	....	94·61
1900.....	214	485	1,404	2,400	.....	.....	463	4,906	.....	98·54
1901.....	245	526	.....	5,375	.....	.....	120	6,266	.....	97·67
1902.....	159	.....	.....	3,678	3	.....	632	4,472	.....	98·34
1903.....	.....	.....	.....	8,239	.....	.....	570	8,809	....	96·71
1904.....	.....	.....	.....	8,477	.....	474	.....	8,951	....	96·66
1905.....	.....	438	.....	.....	3,821	.....	436	4,695	....	98·25

* Apples, meal all kinds, pease, potatoes.

6-7 EDWARD VII., A. 1907

F.—TABLE showing the Total Way and Through Tonnage of the undermentioned Articles cleared downward on the Welland Canal during a series of thirty-five years, ended December 31, 1925.

VEGETABLE FOOD.

Year.	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Other Articles. †	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*	44,110	310,090	119,541	3,920	.....	680	1,541	479,882
1872.	26,648	231,056	254,534	693	7,594	64	2,300	524,889
1873.	30,660	345,720	180,042	643	1,188	3	3,557	563,813
1874.	24,017	406,157	181,128	377	5,953	.....	3,301	620,933
1875.	13,930	248,555	103,477	813	3,383	500	4,304	374,962
1876	15,735	194,559	144,501	1,110	24,496	1,454	2,949	384,807
1877.	13,588	248,894	169,185	10,216	2,810	2,405	1,833	448,931
1878.	8,854	188,106	185,931	1,217	3,088	.....	2,100	389,296
1879	10,588	271,545	114,276	803	1,196	.....	2,387	430,795
1880	12,467	240,601	162,891	....	477	....	1,418	417,853
1881	9,655	121,393	103,075	252	....	6	1,371	235,752
1882	12,205	205,876	54,797	537	....	1,954	225	275,594
1883	13,256	146,741	182,143	975	731	518	10,971	355,335
1884	13,626	135,804	118,811	270	10,746	477	9,018	288,752
1885	13,322	114,090	117,536	618	1,116	.....	1,628	248,310
1886	19,418	146,151	218,897	....	4,891	.....	14,581	403,928
1887	23,940	210,755	114,938	1,711	12,050	.....	12,149	375,543
1888	16,973	150,833	194,886	555	26,629	811	13,358	404,045
1889	7,922	120,498	353,595	197	28,356	1,918	18,273	530,759
1890	14,461	114,924	327,394	6,519	27,728	1,121	20,836	512,983
1891	13,517	196,326	185,177	8,113	52,959	65,071	27,895	549,058
1892	17,046	229,569	192,548	6,433	37,173	9,392	32,548	524,709
1893	15,232	257,203	441,092	18,461	31,283	3,671	36,981	803,923
1894	33,628	270,514	169,233	28,353	27,962	.....	60,587	590,277
1895	43,895	202,636	164,894	8,689	18,236	.....	46,435	484,785
1896	42,159	319,388	320,444	11,368	28,178	8,970	54,031	784,538
1897	9,025	322,993	390,615	14,173	25,127	8,483	44,651	815,067
1898	5,578	206,313	437,849	12,286	17,491	16,127	23,170	718,814
1899	11,625	197,732	204,004	2,424	23,541	923	18,440	458,689
1900	10,968	137,800	163,509	3,449	40,256	3,538	14,802	374,322
1901	18,937	151,325	67,756	7,119	28,281	2,961	14,021	290,400
1902	22,282	223,499	67,647	7,418	11,223	4,079	12,912	349,060
1903	25,997	257,370	210,758	14,656	7,911	4,904	13,982	535,578
1904	35,046	164,515	116,444	27,171	16,582	....	13,157	372,915
1905	38,512	247,599	180,921	55,432	36,072	1,711	9,882	570,129

* Fiscal. † Apples, meal all kinds, pease, potatoes.

SESSIONAL PAPER No. 20a

G.—TABLE showing the Tonnage of the undermentioned Articles passed through the Welland Canal in transit between Ports in the United States during a series of thirty-five years, ended December 31, 1905.

YEARS.	VEGETABLE FOOD.							HEAVY GOODS.						
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	* Other articles.	Total.	Railway Iron.	Other Iron.	Salt.	Coal.	Ores.	Total.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869	30,681	211,085	91,149	2,942	7,400	667	1,006	337,530	68,064	14,334	89,086	28,566	35,912	235,962
1872	10,482	124,695	89,761	1,391	7,400	.....	608	234,337	24,010	13,239	49,843	95,741	59,401	224,264
1873	10,805	127,727	101,329	1,920	1,188	3	392	243,366	1,659	13,826	40,507	170,242	62,942	292,176
1874	8,230	229,053	125,627	.....	5,948	.....	5,368	374,226	5,742	8,941	22,888	203,673	19,651	260,895
1875	1,881	113,832	54,188	2,641	2,946	500	1,920	177,908	14	4,123	12,931	192,767	34,616	244,451
1876	5,187	96,247	58,138	.....	1,905	525	403	162,405	.....	5,531	29,395	167,110	25,808	227,844
1877	3,342	107,396	65,260	1,603	2,314	258	413	180,586	8,976	8,688	8,336	172,868	41,107	239,975
1878	1,316	65,542	60,026	859	277	.....	341	128,361	.....	10,713	3,892	150,583	13,535	178,723
1879	159	53,791	33,401	.....	464	.....	11	87,826	2,405	3,648	6,318	118,573	17,797	148,741
1880	.....	30,611	16,122	1,551	296	.....	10	48,580	4,743	3,515	371	65,945	18,380	92,954
1881	.....	34,320	30,031	924	.....	684	14	65,285	1,313	5,570	.....	83,858	6,464	97,205
1882	107	30,227	32,433	537	.....	.....	14	764,002	.....	4,076	.....	158,552	14,533	177,161
1883	2,041	54,382	66,128	735	731	.....	8,579	132,496	1,209	6,901	8	196,462	24,891	229,471
1884	1,715	40,956	53,707	.....	9,874	.....	8,170	114,422	698	599	.....	210,790	15,100	227,187
1885	124	53,235	63,229	732	882	.....	1	118,203	.....	1,594	.....	198,416	15,029	215,039
1886	7,591	53,258	94,048	.....	4,790	.....	13,201	172,888	156	5,328	1	189,964	11,364	206,813
1887	11,780	37,678	83,431	1,732	12,050	179	10,859	157,530	15	4,406	.....	82,780	627	87,828
1888	8,563	39,999	102,974	2	26,510	.....	11,598	189,825	63	1,601	56	173,259	2,309	177,288
1889	5,017	39,229	147,045	.....	27,492	.....	17,225	236,208	.....	1,587	896	227,476	1,204	231,163
1890	9,204	31,527	180,842	6,519	27,030	.....	20,497	275,619	.....	504	208	162,231	1,620	164,563
1891	6,802	32,097	127,494	8,113	52,823	.....	26,115	253,444	.....	292	705	186,572	1,773	189,342
1892	11,018	26,950	131,222	6,433	36,935	.....	31,992	244,550	.....	576	2	183,895	.....	184,473
1893	6,588	28,187	198,777	16,751	23,870	864	36,352	311,389	.....	344	.....	206,827	.....	207,171
1894	17,795	53,846	105,329	28,095	27,621	.....	60,462	198,358	.....	297	.....	188,521	.....	188,818
1895	10,169	27,881	100,512	7,904	17,020	.....	46,316	209,802	181	246	.....	149,490	.....	149,917
1896	16,224	34,878	175,094	11,128	16,137	490	46,456	300,407	.....	146	.....	207,348	.....	207,494
1897	7,237	28,919	169,057	14,173	14,969	.....	41,887	276,242	965	15	.....	165,143	.....	166,123
1898	4,212	11,268	150,667	6,909	12,732	1,197	22,671	209,656	770	339	4	156,814	.....	157,927
1899	6,118	12,926	81,777	2,424	19,526	923	18,198	141,892	351	1,646	553	88,931	.....	91,481
1900	7,966	18,771	60,545	2,402	39,706	2,149	14,248	145,787	.....	953	.....	46,024	.....	46,977
1901	17,165	23,557	55,531	7,119	26,344	.....	14,016	143,732	83	80	105	46,702	.....	46,970
1902	13,785	32,639	66,111	7,418	10,006	.....	12,675	142,634	.....	214	.....	12,911	.....	13,125
1903	6,082	15,439	108,917	11,433	6,112	4,174	13,568	165,725	459	.....	.....	113,072	.....	113,535
1904	8,556	14,269	60,964	16,621	16,497	.....	13,079	129,986	.....	.....	.....	63,882	.....	63,882
1905	24,054	15,483	93,622	9,197	10,892	.....	9,682	162,930	.....	1	.....	73,464	22,381	95,846

* Apples, meal all kinds, pease, potatoes.

6-7 EDWARD VII., A. 1907

H. —TABLE showing the Tonnage of Vegetable Food carried on each of the Lines of Canals and the two principal Railways, competing for the Carrying Trade between Lake Erie and Tidewater, for a series of thirty-five years, ended December 31, 1905.

Year.	Total on New York Canals.	Total on Welland Canal.	Total on New York Central and Erie Railways.	Quantity cleared at Buffalo and Tonawanda by Erie Canal.	Quantity cleared at Oswego by Canal.	Quantity cleared through the Welland Canal in transit between ports in the United States.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
1869*	1,302,613	503,860	1,087,809	786,436	267,815	337,530
1872.....	1,674,320	538,147	1,870,614	1,317,276	169,818	234,337
1873....	1,745,171	579,880	2,036,992	1,432,174	131,765	243,366
1874.....	1,767,598	647,397	2,791,517	1,557,509	243,325	374,226
1875.....	1,305,550	417,936	2,343,241	1,017,559	126,763	177,968
1876.....	1,064,293	409,788	2,875,803	783,331	99,975	162,405
1877	1,498,984	464,181	2,493,683	1,223,100	126,899	180,586
1878.....	1,912,734	403,403	3,695,764	1,644,301	93,149	128,361
1879....	1,833,399	438,564	4,353,617	1,565,543	127,168	87,826
1880.....	2,371,090	442,182	4,732,385	2,065,184	135,410	48,580
1881.....	1,116,561	269,395	4,983,722	878,842	115,638	65,285
1882.....	1,118,776	306,482	3,885,557	864,826	126,804	64,002
1883....	1,379,000	372,236	4,422,461	1,191,974	72,507	132,496
1884.....	1,236,986	305,734	3,639,805	1,078,909	70,132	114,422
1885.....	1,063,310	273,905	4,105,594	918,352	59,847	118,203
1886.....	1,489,886	414,812	3,802,262	1,353,591	59,216	172,888
1887... ..	1,552,764	394,971	3,847,766	1,449,984	48,133	157,530
1888	1,166,958	419,786	3,197,734	1,052,834	11,191	189,825
1889.....	1,296,896	542,043	3,654,984	1,155,175	59,945	236,208
1890.....	1,167,901	519,291	4,336,199	953,397	54,969	275,619
1891.....	1,092,355	367,177	3,565,381	1,000,171	39,410	253,444
1892.....	937,999	527,426	5,913,013	870,570	18,558	244,550
1893	1,452,563	805,253	5,107,426	1,395,391	17,620	311,389
1894.....	1,400,129	591,409	4,281,056	1,331,101	40 584	293,148
1895.....	602,505	486,421	3,798,574	508,596	14,465	209,802
1896	957,182	788,974	5,183,540	877,144	19,623	300,407
1897.....	744,575	816,914	5,673,638	688,635	20,449	276,242
1898.	653,927	720,183	7,060,542	607,557	10,407	209,656
1899.....	577,486	459,688	6,211,827	527,868	12,546	141,892
1900.....	472,857	375,720	6,053,005	438,434	4,906	145,787
1901	557,099	290,909	6,334,001	473,729	6,266	143,732
1902... ..	489,053	350,792	6,532,263	436,943	4,472	142,634
1903..	512,601	537,252	5,548,603	445,518	8,809	165,725
1904.....	361,333	373,568	4,632,082	215,945	8,951	129,986
1905.....	346,200	561,080	4,475,888	307,621	4,695	162,930

* Fiscal.

SESSIONAL PAPER No. 20a

1.—STATEMENT showing the Quantity of Through Freight passed Down the Welland Canal in Canadian and United States Vessels entering the Canal at Port Colborne, during the Season of Navigation in 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

ARTICLES.	CANADIAN VESSELS.				AMERICAN VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	199	104,649	112	57,668	287	279,621	144	63,770	742	505,708
1894.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	98,586		54,444		79,715		37,095		268,840	
Corn.....	10,368		5,614		122,211		31,040		169,233	
Barley.....	258				28,095				28,353	
Oats.....	175		107		27,621				27,903	
Peas.....										
Rye.....										
Coal.....	1,483		1,892		61		11,109		14,545	
Miscellaneous merchandise ..	16,949		664		83,198		1,977		102,788	
Shingles, woodenware, &c....	22								22	
Sawed lumber.....Ft. B.M.	8,423,295		279,830		11,719,664		31,891,456		52,313,745	
Square timber.....Cub. ft.	771,328		1,578,981						2,35 ,309	
Staves.....No.										
FirewoodCords										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	209	108,776	151	73,895	205	223,743	101	41,327	666	447,741
1895.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	72,895		68,935		29,345		30,723		201,898	
Corn.....	16,854		3,724		126,943		17,369		164,890	
Barley.....	798		162		7,729				8,689	
Oats.....	1,531		246		16,442				18,219	
Peas.....										
Rye.....										
Coal.....	2		3,984				4,426		8,412	
Miscellaneous merchandise ..	37,356		2,361		67,705		1,324		108,746	
Shingles, woodenware, &c....	20				863		1,079		1,962	
Sawed lumber.....Ft. B.M.	1,057,146		248,071		9,385,890		14,929,734		25,620,841	
Square timber.....Cub. ft.	1,027,913		2,049,368				35,000		3,112,281	
Staves.....No.										
Firewood.....Cords										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	224	122,521	181	82,543	343	337,983	163	96,506	911	639,553
1896.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	113,331		90,979		78,741		34,476		317,527	
Corn.....	9,360		3,855		218,315		88,914		320,440	
Barley.....	240				11,128				11,368	
Oats.....	441		1,270		24,847		1,620		28,178	
Peas.....	1,403		1,354				273		3,030	
Rye.....	5,035		644		2,837		454		8,970	
Coal.....	7		11,106		1,255		629		11,997	
Miscellaneous merchandise ..	29,820		1,452		82,319		4,374		117,965	
Shingles, woodenware, &c....	134				22				156	
Sawed lumber.....Ft. B.M.	2,123,213				18,259,810		27,796,146		48,179,169	
Square timber.....Cub. ft.	942,923		1,649,145				246,024		2,838,092	
Staves.....No.										
Firewood.....Cords							55		55	

6-7 EDWARD VII., A. 1907

I.—STATEMENT showing the Quantity of Through Freight passed Down the Welland Ganal in Canadian and United States Vessels, &c.—*Continued.*

ARTICLES.	CANADIAN VESSELS.				AMERICAN VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	225	131,907	163	76,760	388	382,231	144	86,675	920	677,573
1897.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat	121,762		55,724		106,064		37,891		321,441	
Corn	33,694		15,244		274,855		66,822		390,615	
Barley					14,173				14,173	
Oats	223				23,515		1,168		24,906	
Peas	1,851								1,851	
Rye	2,047		919		5,517				8,483	
Coal	3,873		3,947		368		1,615		9,803	
Miscellaneous merchandise . .	15,739		3,290		70,968		4,174		94,071	
Shingles, woodenware, &c. . .	1,268		5		404				1,677	
Sawed lumberFt. B.M.	1,573,447				20,284,446		20,673,202		42,531,095	
Square timberCub. ft.	1,327,823		2,217,629				616,093		4,161,545	
StavesNo.	2,577,160								2,577,160	
FirewoodCords.	4								4	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	216	126,398	104	59,532	354	355,702	195	108,720	869	650,352
1898.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat	95,567		36,157		54,934		18,355		205,013	
Corn	56,538		30,455		284,059		66,761		437,813	
Barley					9,465		2,821		12,286	
Oats					17,329				17,329	
Peas	260				45				305	
Rye	3,564		1,480		9,135		1,948		16,127	
Coal	575		1,916		759		2,620		5,870	
Miscellaneous merchandise . .	19,385		4,104		47,271		8,758		79,518	
Shingles, woodenware, &c. . .	2		9						11	
Sawed lumberFt. B.M.	4,910,669		1,641,783		16,220,972		24,484,283		47,257,707	
Square timberCub. ft.	825,545		1,183,821				388,410		2,397,776	
FirewoodCords.										
StavesNo.	249								249	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	191	100,242	129	75,777	201	212,027	78	36,962	599	425,008
1899.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat	91,901		80,928		16,250		7,244		196,323	
Corn	28,015		18,905		138,834		18,250		204,004	
Barley					2,424				2,424	
Oats	1,557				21,646				23,203	
Peas										
Rye					923				923	
Coal	435		6,736				3,398		10,569	
Miscellaneous merchandise . .	25,203		18,651		49,522		1,567		94,943	
Shingles, woodenware, &c. . .	485		916				100		1,501	
Sawed lumberFt. F.M.	2,077,748		772,739		14,855,338		19,949,079		37,654,904	
Square timberCub. ft.	322,138		585,780		20,802		328,806		1,257,526	
FirewoodCords.			9						9	
StavesNo.										

SESSIONAL PAPER No. 20a

1.—STATEMENT showing the Quantity of Through Freight passed Down the Welland Canal in Canadian and United States Vessels, &c.—*Concluded.*

ARTICLES.	CANADIAN VESSELS.				AMERICAN VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	216	114,885	109	67,475	168	182,444	71	30,309	564	395,113
1900.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	67,694		43,157		23,066		2,130		136,047	
Corn.....	39,597		31,248		78,701		13,963		163,509	
Barley.....					2,402		1,047		3,449	
Oats.....					39,706		407		40,113	
Peas.....	115				4				119	
Rye.....	1,389				2,149				3,538	
Coal.....	723		637		433		559		2,352	
Miscellaneous merchandise ..	53,649		31,536		43,344		3,564		132,093	
Shingles, woodenware, &c....	1,078								1,078	
Sawed lumber.....Ft. B.M.	6,847,279		5,344,258		14,984,483		18,770,405		45,946,425	
Square timber.....Cub. ft.	439,827		355,951		11,583		198,420		1,005,781	
Firewood.....Cords.	126		255						381	
Staves.....No.	1,000								1,000	
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	197	103,802	114	59,022	163	182,497	48	22,319	522	367,640
1901.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	57,641		58,973		31,955		1,241		149,810	
Corn.....	7,350		4,689		55,717				67,756	
Barley.....					7,119				7,119	
Oats.....	944				27,197				28,141	
Peas.....										
Rye.....	2,961								2,961	
Coal.....	1,960		362		357				2,679	
Miscellaneous merchandise ..	71,300		32,312		12,874		7,469		123,955	
Shingles, woodenware, &c....	18								18	
Sawed lumber.....Ft. F.M.	6,533,423		4,060,251		11,089,806		13,092,940		34,776,420	
Square timber.....Cub. ft.	362,441		204,682		9,384		149,531		726,038	
Firewood.....Cords.	165		264						429	
Staves.....No.										
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	196	90,791	122	73,958	191	201,339	52	22,097	561	388,185
1902.	Tons.		Tons.		Tons.		Tons.		Tons.	
Wheat.....	82,954		85,973		52,889				221,816	
Corn.....	148		1,388		66,111				67,647	
Barley.....					7,418				7,418	
Oats.....	1,200		43		9,963				11,206	
Peas.....										
Rye.....	3,808				271				4,079	
Coal.....	3,977		25,732		13,497		8,332		51,538	
Merchandise.....	33,111		8,723		38,351		1,594		81,779	
Shingles, woodenware, &c....	47		28		4				79	
Sawed lumber.....Ft. B.M.	13,218,960		3,256,187		25,437,287		19,540,426		61,452,860	
Square timber.....Cub. ft.	370,718		557,689				115,000		1,043,407	
Firewood.....Cords.	56		40						96	
Staves.....No.			14,000						14,000	

6-7 EDWARD VII., A. 1907

I.—STATEMENT showing the Quantity of Through Freight passed Down the Welland^d Canal in Canadian and United States Vessels, &c.—*Concluded.*

ARTICLES.	CANADIAN VESSELS.				AMERICAN VESSELS.				TOTAL.
	Steam.		Sail.		Steam.		Sail.		Steam and Sail
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No. Tonnage.
	239	151,850	76	45,918	243	252,094	69	27,854	627 477,716
1903.	Tons.		Tons.		Tons.		Tons.		Tons.
Wheat.....	149,378		38,473		60,514		6,305		254,670
Corn.....	21,356		4,682		174,588		10,132		210,758
Barley....	2,580		667		11,409		.....		14,656
Oats.....	306		1,335		6,112		.....		7,753
Peas.....	63		.....		22		.....		85
Rye.....	.....		.....		4,904		.....		4,904
Coal.....	389		12,991		8,133		8,496		30,009
Merchandise.....	39,563		3,367		41,584		2,000		86,514
Shingles, woodenware, &c.....	.....		54		.....		.....		54
Sawed lumber.....Ft. B.M.	12,841,552		1,625,855		17,871,652		14,733,677		47,072,736
Square timber.....Cub. ft.	572,000		660,000		.....		84,200		1,316,200
Firewood.....Cords	.....		210		9		.....		219
Staves.....No.	.....		641,000		.....		.....		641,000
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No. Tonnage.
	228	157,539	55	39,375	205	187,748	42	15,918	530 400,580
1904.	Tons.		Tons.		Tons.		Tons.		Tons.
Wheat.....	116,794		33,302		14,269		.....		164,365
Corn.....	12,768		7,814		95,362		.....		116,444
Barley.....	2,619		824		23,728		.....		27,171
Oats.....	.....		.....		16,261		.....		16,261
Peas.....	.....		.....		3		.....		3
Rye.....	.....		.....		.....		.....		.....
Coal.....	1,925		7,187		17,133		7,668		33,913
Iron ore.....	34,907		.....		1,925		.....		36,832
Merchandise.....	29,567		.....		60,548		.....		90,115
Shingles, woodenware, &c.....	.....		.....		.....		.....		.....
Sawed lumber.....Ft. B.M.	15,077,382		854,811		32,751,541		9,572,655		58,259,389
Square timber.....Cnb. ft.	944,508		744,000		.....		149,000		1,837,508
Firewood.....Cords.	.....		.....		717		.....		717
Staves.....No.	634,000		.....		.....		.....		634,000
	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No. Tonnage.
	252	182,373	91	48,692	319	286,656	64	29,120	726 546,841
1905.	Tons.		Tons.		Tons.		Tons.		Tons.
Wheat.....	188,706		18,575		28,757		2,512		238,550
Corn.....	6,385		6,636		163,374		4,526		180,921
Barley.....	6,870		1,451		47,111		.....		55,432
Oats.....	8,225		2,570		21,535		3,742		36,072
Peas.....	.....		.....		76		.....		76
Rye.....	.....		.....		1,711		.....		1,711
Coal.....	18,756		35,324		28,330		8,678		91,088
Iron ore.....	14,358		8,023		.....		.....		22,381
Merchandise.....	29,375		7,485		74,975		3,126		114,961
Shingles, woodenware, &c.....	.....		2,748,941		2,325		.....		2,325
Sawed lumber.....Ft. B.M.	2,867,147		.....		38,290,831		12,479,698		54,589,200
Square timber.....Cub. ft.	355,000		951,524		.....		.....		538,000
Firewood.....Cords.	.....		183,000		900		.....		900

SESSIONAL PAPER No. 20a

WELLAND CANAL THROUGH FREIGHT—RECAPITULATION.

WELLAND CANAL—WEST BOUND FREIGHT.

THE total Quantity of Through Freight passed UP the Welland Canal in Canadian and United States Vessels during the Season of Navigation in 1905, is as follows :—

Summary.	Tons.	Tons.
In Canadian steam vessels.....	68,083	
" sail " 	17,168	
Total quantity in Canadian vessels.....		85,251
In United States steam vessels.....	136,598	
" sail " 	6,112	
Total in United States vessels.....		142,710
Grand total freight passed UP the Welland Canal in Canadian and United States vessels.....		227,961

6-7 EDWARD VII., A. 1907

STATEMENT of the Quantity of Through Freight passed Up and Down the Welland Canal during the Season of Navigation in 1905.

Summary.	Tons.	Tons.
In Canadian steam vessels up.....	68,083	
" down.....	284,556	
Total in Canadian steam vessels..		352,639
In Canadian sail vessels up.....	17,168	
" down.....	85,310	
Total in Canadian sail vessels.....		102,478
Total quantity in Canadian vessels.....		455,117
In United States steam vessels up.....	136,598	
" down.....	434,747	
Total in United States steam vessels.....		571,345
In United States sail vessels up...	6,112	
" down.....	43,394	
Total in United States sail vessels.....		49,506
Total quantity in United States vessels.....		620,851
Total in Canadian and United States vessels.....		1,075,968
	Down or East Bound.	Up or West Bound
In Canadian vessels.....	369,866	85,251
In United States vessels.....	478,141	142,710
Total.....	848,007	227,961

K.—STATEMENT showing the Quantity of Freight passed Eastward, from Lake Erie, through the whole length of the Welland and St. Lawrence Canals, to Montreal, during the seasons of navigation in 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Articles.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
Class 3.													
Cement and water lime				12								35	
Clay, lime and sand					38	52	15	15					22
Iron, railway.....										50		8,170	10
" pig.....		195	79					508					
" all other.....		1	1,766	2,020	7,564	6,217	5,063	4,292	1,178	5,785	2,542	1,651	384
Steel.....			394	542	375	1,351	3,000	5,420				16	48
Stone, for cutting				200									
Apples		50	28	1,263								1	
Barley	600	258	959	240		3,960	596	1,288			2,206	9,697	43,607
Corn.....	278,564	60,661	70,235	182,330	267,583	310,498	150,999	109,359	14,319	1,719	123,864	55,021	84,204
Flaxseed.....					3,293	5,687			4,965		3,643	212	15,694
Flour	5,514	16,503	30,916	11,964	1,029	653	4,229	1,595	1,400	6,755	16,151	24,662	14,571
Meal, all kinds.....		4	65						35		348	57	270
Oats.....	9,761	175	1,654	12,373	6,847	3,975	10,250	8,925	1,584	1,442	2,438		21,404
Oil cake									1,083		462	7,846	9,229
Pease.....				3,020	2,078	260		115			63		
Rye.....	3,669			8,323	8,435	15,488	923	3,078	2,961	4,079	4,260		1,711
Salt.....					216	144	183		50		132	615	168
Seeds, all kinds.....				20			200						
Hav, pressed.....							96		246				
Tobacco, raw					51				23				
Wheat	209,212	212,557	158,643	255,198	278,498	184,154	169,978	121,896	132,702	200,975	226,746	133,528	190,505
All other agricultural products, vegetables		29		29		56	32						
Hides, skins, horns and hoofs.....												10	
Horses	1	1	1	1	1	4	1						
Lard and lard oil.....									1,155				2,847
Meats, all kinds.....									114				
Pork.....		717		1					34				
Tallow											3		53
All other agricultural products, animal												1	
Total, class 3.....	507,321	201,151	264,740	477,541	576,008	532,499	345,565	256,491	161,849	220,805	382,858	241,522	384,727
Class 4.													
Agricultural implements.....									1,785	13	58	17	
Ashes	23	19	34	94	133	73	55	25	3		2	16	

K.—STATEMENT showing the Quantity of Freight passed Eastward, from Lake Erie, through the whole length of the Welland and St. Lawrence Canals, to Montreal, &c.—*Concluded.*

Articles.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Crockery				5									93
Furniture.....		2			1			1	5		3	6	
Glass, all kinds.....				9	53	75	16	6	1		15	3	21
Molasses			100	167	9	56	159			54	240		820
Nails.....							1				19		64
Oil			6	23	112	1,141	7,143	15,647	14,987	12,091	14,619	12,848	20,700
Paint			2						17		5		
Pitch and tar													53
Rags.....				4							4		
Rosin.....											20		
Soda ash									4				59
Sugar				1					112				2,019
Stone, wrought													
Tin.....												87	53
Tobacco.....							96						204
White lead								16					
Whisky, beer and other spirits.....	1		101		46	4	74	11	32		2	766	635
Merchandise not enumerated.....	4	330	558	376	1,226	866	518	92	2,420	419	582	713	851
Total, class 4.....	28	351	801	679	1,580	2,215	7,969	15,798	19,366	12,577	15,569	14,456	25,572
<i>Class 5.</i>													
Barrels, empty.....			1				1	182	66	15			
Hoops.....					257								
Sawed lumber	667	683	1,117	657	478	3,065	924	15,760	2,635	1,085			3,957
Staves, pipe and barrel					4,716							394	
" West India and pipe													
Timber, square, in vessels												1,544	1,260
" in rafts				1,200	1,207	329	26						
Woodenware.....		6								17			
Total, class 5.....	667	689	1,118	1,857	6,658	3,394	951	15,942	3,205	1,117		1,938	5,217
<i>Special Class.</i>													
Coal													29,351
Iron ore												17,362	3,837
Total special class.....													33,188
Grand total.....	508,016	292,191	266,659	480,077	584,246	538,108	354,485	28,231	184,420	250,475	398,427	275,278	448,704

L.—STATEMENT showing the Quantity of Freight passed Westward from Montreal, through the whole length of the St. Lawrence and Welland Canal to Lake Erie, during the Seasons of Navigation in 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901, 1902, 1903, 1904 and 1905.

Articles.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks.....		1	24	15	70	70	24	49	196	22	80	115	132
Brinstone.....									5	20	23	12	
Cement and water lime.....	3,169	2,281	1,859	1,686	837	996	997	1,931	2,916	178	3,924	39	181
Clay, lime and sand.....		253			4	144	8	4	2	1	181		
Cotton, raw.....											23		
Fish.....	465	512		11	10	9	10	8	8		8	4	
Gypsum.....							4						
Iron, railway.....	6,576	20		1,687				74	748	11,735	39,641	283	126
" pig.....	25		56	28	6			3		558	273		312
" all other.....	543	114	1,831	727	559	699	1,318	1,428	4,950	2,904	5,845	3,782	3,633
Salt.....	995	843	932	822	25	35		48	75	4	87	99	150
Steel.....	426	248	528			19	18		3	11	332	58	192
Stone for cutting.....				4	62							41	
Flour.....	3								16				18
Hay.....		15	124										
Meals.....											17		
Oats.....													
Potatoes.....													
Seeds, all kinds.....		33	25	99	121	56	121	218	302	58	325	164	35
Tobacco, raw.....										1	2		
Agricultural products not enumerated, vegetables.....		5	26		4				1	1			127
Hides and skins.....			26							16	6		
Horses.....				1		1							
Lard and lard oil.....			1			2				11		25	28
Meats other than pork.....											1		
Pork.....								1					
Wool.....		10											
All other articles not enumerated.....													
Total, class 3.....	12,202	4,335	5,432	5,080	1,698	2,031	2,500	3,764	9,222	15,520	50,768	4,647	4,934
<i>Class 4.</i>													
Ashes, pot and pearl.....					1						2		
Crockery and earthenware.....	98	107	12	83	4	33	3	5			32	291	155
Dye woods, &c.....												2	
Furniture.....					2			1			1	5	2

L.—STATEMENT showing the Quantity of Freight passed Westward from Montreal, through the whole length of the St. Lawrence and Welland Canal to Lake Erie, &c.—*Concluded.*

Articles.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4.—Con.</i>													
Glass, all kinds.....	365	175	394	612	799	150	299	456	612	1,384	1,207	1,671	1,641
Manilla.....		11										34	93
Molasses.....	43	42	20	1					1		6		1
Nails.....	472	500	1,149	409	129	229	518	30	675	1,292	2,878	2,009	3,061
Oil, in barrels.....	44	8	31	33	12	15	21	74	83	14	16	1,418	120
Paint.....	70	8	75	49	20	35	2	12	69	97	158	202	367
Pitch and tar.....	26	152	67	60	20	37	6	21	27	27	58	199	5
Rags.....							14			1	29		15
Resin.....							15				1		
Soda ash.....	68	94	84		249	88	108	69	169	201	264	387	28
Stone, wrought.....	14			17	25	31							
Sugar.....	2,218	2,724	1,430	1,873	311	566	1,596	430	810	1,314	204	52	1,168
Tin.....	34	327	396	395	359	237	159	117	338	506	209	362	928
Turpentine.....									1	2	1		
White lead.....	35	2	7	10	5		1	4	11	37	80	82	80
Whiting.....	31	1	113	56	104	93	89	39	49	61	22	33	158
Whisky, beer, &c.....	26	53	77	51	93	98	178	295	131	182	452	432	384
Merchandise not enumerated.....	799	900	1,268	1,247	711	793	482	744	1,516	1,049	3,674	6,200	15,360
Total, class 4.....	4,343	5,104	5,123	4,970	2,844	2,405	3,491	2,447	4,492	6,169	9,294	13,379	23,566
<i>Class 5.</i>													
Barrels, empty.....													
Firewood in vessels.....										3,600	40,026	40,425	43,982
Lumber, sawn, in vessels.....													
Railway ties in vessels.....											611		
Woodenware.....													
Total, class 5.....										3,600	40,637	40,425	43,982
<i>Special Class.</i>													
Coal.....												10,200	
Iron ore.....												2,861	
Total, special class.....												13,061	
Grand total.....	16,545	9,439	10,555	10,050	4,542	4,436	5,991	6,211	13,714	25,289	100,699	71,512	72,482

M.—STATEMENT showing the Quantity of Freight passed Eastward through the Welland Canal, from United States Ports to United States Ports, during the Season of Navigation from 1893 to 1905 inclusive.

20a—41

Articles.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 3.</i>													
Bricks					845								
Cement and water line.						300		18					
Fish.	5	5											
Iron, railway.			181		965	770	1,008	714		30			1
" all other.	102		214			324	549		105				
Salt.							13,522	3,110					
Steel.				498									
Stone for cutting.						2,951							
Apples													
Barley	16,751	28,095	7,904	11,128	14,173	6,909	2,424	2,402	7,119	7,418	11,433	16,621	9,197
Corn.	198,777	105,329	100,512	175,094	169,057	150,667	81,777	60,545	55,531	66,111	108,917	60,964	93,622
Flour.	6,588	17,795	10,169	16,224	7,237	4,212	6,118	7,966	17,168	13,785	6,082	8,556	24,054
Hay, pressed.					301								200
Meal, all kinds	36,352	60,390	46,316	46,456	41,644	22,626	18,198	14,244	14,016	12,675	13,546	13,076	9,606
Marble.													87
Nails.													1
Oil cake.		29											
Oats.	23,870	27,621	16,442	16,137	14,969	12,729	19,526	39,706	1,302	110	740	16,497	228
Pease.						45		4	26,344	10,006	6,112	3	10,892
Potatoes											22		76
Rye.	864			490			923	2,149			4,174		
Flaxseed.						1,197	200				1,594		
Seeds, all kinds.	16		14	78	299	44	11			10	27		43
Tobacco.													
Wheat.	28,187	53,846	27,881	34,878	28,919	11,268	12,926	18,771	23,557	32,639	15,436	14,269	15,483
Agricultural products, vegetables.								6	23		1		
Hides and skins, &c			8	41	23				10				
Horses.	2	4		3	3								
Lard and lard oil, &c.	1		6	1,348	1,444	2	864	1,588	1,680	2,413	2		
Meats, other than pork			30										
Pork.	52	56	87	390	243	1,271	343	17	970	632	152	379	273
Sheep.													
Tallow.													
Wool	80	1,484	1,536	900	197	359	201	631	119	752	482	134	21
Total, class 3.	311,647	294,654	211,300	303,665	280,319	219,434	158,720	154,680	147,947	146,581	168,720	130,499	163,784
<i>Class 4.</i>													
Agricultural implements.										399		396	552
Crockery and earthenware													
Furniture.			2			2	7		3	17			

M.—STATEMENT showing the Quantity of Freight passed Eastward through the Welland Canal, from United States Ports to United States Ports, during the Season of Navigation from 1893 to 1905 inclusive—*Concluded.*

Articles.	1893.	1894.	1895.	1896.	1897.	1898.	1899.	1900.	1901.	1902.	1903.	1904.	1905.
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
<i>Class 4—Con.</i>													
Glass, all kinds									4				
Marble							8	57					
Molasses		57					11						
Nails				1,005	198	119	367	17	22	1,594	2,000	1	
Oil, in barrels			30			3	2	36				17	12
Paint							1				4		1
Rags													
Soda ash													
Stone, wrought			59	165	31			154	448	280		53	53
Sugar													7
White lead	83		15			34	168	1	1		3		
Whisky, beer and all other spirits	1,693	2,976	7,656	3,990	3,591	3,828	6,219	7,889	3,327	1,928	2,010	1,554	2,008
Merchandise													
Total, class 4	1,782	3,033	7,762	5,160	3,820	3,986	6,783	8,164	3,805	4,218	4,017	2,021	2,666
<i>Class 5.</i>													
Empty barrels	9			10				5	282				3
Firewood, in vessels				165						4		717	2,700
Lumber, sawn, in vessels	68,985	62,905	41,974	75,515	68,280	52,844	57,695	55,128	38,685	72,806	48,337	30,194	15,726
Masts and spars, in vessels					403								
Hop poles												154	
Railway ties, in vessels			446									652	2,248
Shingles	13												62
Split posts			500		1,040								12
Timber, square, in vessels				12	1								
Woodenware, &c													
Total, class 5	69,007	62,905	42,920	75,702	69,724	52,844	57,695	55,133	38,367	72,810	48,337	31,717	20,751
<i>Special Class.</i>													
Coal	2,123	727	603	1,255		759	2,293	992	357	501		1,100	3,346
Stone, not suitable for cutting													
Kryolite													
Total, special class	2,123	727	603	1,255		759	2,293	992	357	501		1,100	3,346
Grand total	384,559	361,319	262,585	385,782	353,863	277,023	225,491	218,969	190,476	224,110	221,074	165,337	190,547

SESSIONAL PAPER No. 20a

N.—STATEMENT showing the Number of Vessels which took their Cargoes of Wheat through the Welland Canal from Ports west of Port Colborne, the quantity transhipped at Kingston, and the quantity of each cargo through the St. Lawrence Canals to Montreal, during the Season of Navigation in 1905.

Names of Vessels.	Original Quantity through the Welland Canal.	Quantity Transhipped at Kingston.	Cargo through the St. Lawrence Canals to Montreal.
	Tons.	Tons.	Tons.
Canadian steamer Advance.	940		940
" " "	1,085	510	575
" " "	1,125		1,125
" " "	1,140		1,140
" " "	1,110		1,110
" " "	1,113		1,113
" " A. E. Ames.	1,500		1,500
" " "	1,515		1,515
" " "	1,500		1,500
" " "	1,470		1,470
" " "	1,500		1,500
" " "	1,470		1,470
" " "	1,530		1,530
" " "	1,545		1,545
" " "	633		633
" " Arabian	1,124		1,124
" " "	1,141		1,141
" " "	1,155		1,155
" " "	1,161		1,161
" " "	1,161		1,161
" " "	1,200		1,200
" " "	1,200		1,200
" " "	1,170		1,170
" " Golspic.	824		824
" " Haddington.	2,218		2,218
" " "	2,227		2,227
" " "	2,226		2,226
" " "	2,154		2,154
" " "	2,005		2,005
" " "	2,207		2,207
" " "	2,205		2,205
" " Neepawah	1,830		1,830
" " "	1,740		1,740
" " "	1,710		1,710
" " "	1,680		1,680
" " "	1,710		1,710
" " "	1,779		1,779
" " "	1,680		1,680
" " H. M. Pellatt.	1,350		1,350
" " "	1,455		1,455
" " "	1,425		1,425
" " "	1,425		1,425
" " "	1,425		1,425
" " "	1,425		1,425
" " "	1,380		1,380
" " J. H. Plummer.	1,500		1,500
" " "	1,530		1,530
" " "	1,394		1,394
" " "	1,479		1,479
" " "	1,562		1,562
" " "	1,440		1,440
" " "	1,575		1,575
" " "	1,500		1,500
" " "	1,470		1,470
" " "	1,425		1,425
" " Wahcondah.	1,503		1,503
" " "	1,372		1,372
" " "	1,500		1,500
" " "	1,419		1,419
" " "	1,548		1,548
" " "	467		467
" " "	1,560		1,560

6-7 EDWARD VII., A. 1907

N.—STATEMENT showing the Number of Vessels which took their Cargoes of Wheat through the Welland Canal from Ports west of Port Colborne, &c.—*Concluded.*

Names of Vessels.	Original Quantity through the Welland Canal.	Quantity Transhipped at Kingston.	Cargs through the St. Lawrence Canals to Montreal.
	Tons.	Tons.	Tons.
Canadian steamer Wahcondah	1,614	.....	1,614
" barge Selkirk	1,339	.....	1,339
" " Winnipeg	1,380	.....	1,380
United States steamer J. Crearer... ..	1,110	.....	1,110
" " H. G. Dalton	744	.....	744
" " G. C. Howe	659	.....	659
" " J. S. Keefe.. ..	720	.....	720
" " "	1,140	.....	1,140
" " J. Lambert	1,500	.....	1,500
" " S. N. Parent	2,160	.....	2,160
" " "	810	.....	810
" " R. Wallace	36	.....	36
" " "	1,680	.....	1,680
Total	105,704	510	105,194

Number of cargoes of wheat	75
Quantity through Welland to Kingston	105,704 tons.
" transhipped at Kingston	510 "
" taken to Montreal in vessels in which it arrived at Kingston...	105,194 "

N.—STATEMENT showing the Number of Vessels which took their Cargoes of CORN through the Welland Canal from Ports west of Port Colborne; the quantity transhipped at Kingston, and the quantity of each Cargo through the St. Lawrence Canals to Montreal, during the Season of Navigation in 1905.

No of cargoes of corn.	40
Quantity through Welland to Kingston.....	75,012 tons.
" transhipped at Kingston.....	"
" taken to Montreal in vessels in which it arrived at Kingston...	75,012 "

SESSIONAL PAPER No. 20a

O.—STATEMENT showing the Quantity of Grain passed down the Welland Canal to Kingston, Ogdensburg and other Ports ; in Canadian and United States vessels entering the Canal at Port Colborne, during the Season of Navigation in 1905.

ARTICLES.	CANADIAN VESSELS.				UNITED STATES VESSELS.				TOTAL.	
	Steam.		Sail.		Steam.		Sail.		Steam and Sail	
	No	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.	No.	Tonnage.
	129	126,111	19	15,862	187	221,097	13	5,789	348	368,859
Barley		6,894		1,427		47,111				55,432
Corn		6,385		6,636		163,374		4,526		180,921
Oats		8,506		2,289		21,535		3,742		36,072
Pease.....						76				76
Rye.....						1,711				1,711
Wheat.....		188,737		18,544		28,757		2,512		238,550
Total.....		210,522		28,896		262,564		10,780		512,762

145 cargoes in Canadian Vessels Steam, total quantity.....	Tons.	210,522
22 " " " Sail, "		28,896
222 " United States " Steam, "		262,564
13 " " " Sail, "		10,780

P.—STATEMENT of the Quantity of Grain arrived at Kingston and Ogdensburg in Vessels which passed Down the Welland Canal, during the Season of Navigation in 1905.

Summary.	Tons.	Tons.
Canadian steam—145 cargoes of grain	210,522	
" sail 22 "	28,896	
Total in Canadian vessels.....		239,418
United States steam—222 cargoes of grain	262,564	
" sail 13 "	10,780	
Total in United States vessels.....		273,344
Total in Canadian and United States Vessels.....		512,762
Distributed as follows :—		
74 Canadian and 87 United States vessels arrived at Kingston and discharged part of their cargoes, taking the balance to Montreal.....		234,047
241 vessels arrived at Kingston and discharged all their cargoes, as follows :		
92 cargoes in Canadian vessels	140,723	
148 " United States vessels.....	137,417	
Quantity discharged by 1 Canadian vessel whch took the balance to Montreal.....	575	
Total quantity discharged.....	278,715	
Total quantity of above transhipped from Kingston and Ogdensburg and taken to Montreal		*107,384
Quantity remaining at Kingston, Ogdensburg and other American ports..		171,331
Total.....		512,762

* Of this quantity, 2,809 tons were transhipped from Kingston, being grain of 1904.

6-7 EDWARD VII., A. 1907

Q.—COMPARATIVE STATEMENT of the Quantity of Grain passed Down the Welland Canal to Kingston and Ogdensburg, during the Seasons of Navigation in 1904 and 1905.

	1904.		1905.	
	No. of Cargoes.	Tons.	No. of Cargoes.	Tons.
Quantity arrived at Kingston in Canadian vessels...	115	174,121	167	239,418
Quantity arrived at Kingston and Ogdensburg in United States vessels	118	150,359	235	273,344
	233	324,480	402	512,762
Quantity transhipped at Kingston and Ogdensburg in Canadian vessels for Montreal.. ..		*82,151	.....	107,384
Quantity taken to Montreal in vessels in which it arrived at Kingston		116,095	.....	234,047
Quantity remaining at Kingston, Ogdensburg and Cardinal.. ..		126,234	.....	171,331
Total.....		324,480	.....	512,762

* Of this quantity, 4,014 tons were transhipped to Montreal in 1904. 161 vessels took their cargoes through in 1905, against 75 in 1904. 1 vessel discharged part of their cargo in 1905, against 2 in 1904. 240 vessels discharged all their cargo in 1905, against 156 in 1904.

R.—STATEMENT showing the Number of Vessels, their Tonnage, Number of Passengers, and Tons of Freight, passed down the Rapids of the St. Lawrence Canals, during the Season of Navigation in 1905.

	No. of Sections.	No. of Vessels.	Tonnage of Vessels.	Number of Passengers	Class Three.	Class Four.	Class Five.	Special Class.	Tolls.
									\$ cts.
Prescott to Montreal..	4	120	66,981	13,300	116	1,330	.....	.....	2,095 33
" Lachine...	3	28	14,825	1,405	1,525	500	.....	.....	410 20
Valleyfield to Montreal	2	6	540	.....	.....	.....	.....	.....	1 85
" Lachine..	1	108	35,250	4,220	1,800	825	20	.....	280 20
Lachine to Montreal..	1	320	54,378	21,860	1,300	1,280	16	.....	805 20
Total.....	.....	642	171,974	39,785	4,741	3,935	36	.....	3,592 78

SESSIONAL PAPER No. 20a

S.—The quantity of Coal passed through the Welland Canal during a series of years from 1885 to 1905, inclusive, and the amount of Tolls collected thereon, is as follows :—

YEARS.	From Canadian Ports to Canadian Ports.	From Canadian Ports to Canadian Ports.	From United States Ports to United States Ports.		From United States Ports to Canadian Ports.		Total.	Amount of Tolls paid. — Rate 20 cents a ton.
	Up.	Down.	Up.	Down.	Up.	Down.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	\$ cts.
1885.....			193,442	4,974	10,321	31,350	240,087	48,017 40
1886.....			184,564	5,400	22,187	49,724	261,875	52,375 00
1887.....			81,617	1,163	26,775	25,968	135,523	27,104 60
1888.....			172,381	878	17,365	27,183	217,807	43,561 40
1889.....			226,352	1,124	12,036	25,931	265,443	53,188 60
1890.....	80		116,616	615	17,280	22,781	202,372	38,222 30
1891.....			185,190	1,382	17,374	20,698	224,644	44,928 20
1892.....			183,244	651	12,391	15,330	211,616	42,284 13
1893.....			204,704	2,123	8,325	17,944	233,096	46,619 20
1894.....			187,794	727	1,269	13,947	203,737	40,789 93
1895.....	4		148,887	603	1,565	7,807	158,866	31,773 05
1896.....	20	210	206,093	1,255	4,127	11,740	223,445	44,668 20
1897.....		4	165,143	.....	1,277	9,799	176,223	35,244 60
1898.....			156,055	759	986	4,536	162,336	32,467 20
1899.....			86,638	2,293	525	8,276	97,732	19,546 40
1900.....	8		45,032	992	.....	1,360	47,392	9,478 40
1901.....			46,345	357	456	2,322	49,480	9,896 00
1902.....			12,410	501	65	51,037	64,013	12,845 60
1903.....	3		113,076	.....	4,796	30,009	147,884	29,576 80
1904.....	2,919		62,782	1,100	3,711	32,813	103,325	20,665 00
1905.....			70,118	3,346	11,436	37,742	172,642	34,528 40

NOTE.—Tolls on soft coal passed down the Welland Canal, during the season of 1890, were reduced from 20 to 10 cents a ton, per O. C. May 11, 1890, for the season of 1890 only ; the rate for 1891, 1892, 1893, 1894, 1895, 1896, 1897, 1898, 1899, 1900, 1901 and 1902, being 20 cents a ton for passage either eastward or westward. During 1905 all tolls were free. O. C. April 23, 1903.

6-7 EDWARD VII., A. 1907

T.—STATEMENT showing the quantity of Coal passed through the whole length of the St. Lawrence Canal during the seasons of 1885 to 1905, inclusive.

YEARS.	Quantity passed up free of Tolls.	Quantity passed down to Montreal.	Total Quantity passed up and down.	Amount of Tolls on Quantity passed down Montreal.
	Tons.	Tons.	Tons.	\$ cts.
1885.	5,035	122,829	127,864	18,424 35
1886.	3,301	118,802	122,103	17,820 70
1887.	7,579	121,618	129,197	18,242 70
1888.	8,341	123,050	131,391	18,423 90
1889.	5,360	124,290	129,650	18,604 90
1890.	6,538	135,168	141,706	20,275 20
1891.	7,951	141,701	149,652	21,255 15
1892.	7,543	157,134	164,677	23,570 10
1893.	2,285	147,139	149,424	22,070 85
1894.	16,213	169,552	185,765	25,432 80
1895.		165,151	165,151	24,772 65
1896.	689	161,551	162,240	24,232 65
1897.	40	164,963	165,003	24,722 37
1898.	400	175,609	176,009	26,341 05
1899.	448	201,546	201,994	30,231 80
1900.	10	280,169	280,179	42,025 35
1901.	2,765	298,245	301,010	44,732 55
1902.	9,231	95,702	104,933	11,958 90
1903.	30	290,548	290,578	*43,555 73
1904.	9,670	320,973	330,643	*48,145 95
1905.	8,518	345,589	354,107	*51,808 33

- NOTE.—Coal is allowed to pass free up the St. Lawrence Canal. Con. O. C. Oct. 26, 1889.

*These tolls were 'free' by O.C. April 27, 1903.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the quantity of Freight passed down the Welland Canal, showing the quantity to Montreal, the quantity to Canadian Ports between Port Dalhousie and Cornwall, and the quantity to United States Ports, Oswego, Ogdensburg, &c., on the south side of Lake Ontario, for the years 1894 to 1905 inclusive.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1894.	Tons.	Tons.	Tons.
Apples.	50		
Ashes.	19		
Barley.	258		28,095
Bricks.		552	
Coal.		13,818	727
Corn.	60,661	3,243	105,329
Dye woods and dye stuffs.		4	2
Fish.			5
Flour.	16,503	41	16,880
Furniture.	2	3	
Horses.	1	2	4
Iron, pig.	195	2,170	
" all other.	1	183	
Meals.	4		60,390
Nails.			57
Oats.	175	107	27,621
Oil cake.	29		
" in barrels.		27	
Pork.	717		56
Salt.		133	
Spirits, beer, &c.		3	
Sugar.			52
Wheat.	212,557	13,349	42,934
White lead.	16		
Wool.			1,484
Merchandise not enumerated.	314		2,889
Barrels, empty.		16	
Sawn lumber, in vessels.	683		86,545
Square timber.		47,030	
Woodenware.	6		
Total.	292,191	80,681	373,070

There was no rebate allowed of the Welland Canal toll on grain passed down to Montreal during the season of navigation in 1894.

The tolls were, however, reduced by Order in Council of 16th April, 1894, as follows :—For the season of 1894, the canal tolls for the passage of the following food products: wheat, Indian corn, pease, barley, rye, oats, flaxseed and buckwheat, for passage eastward, through the Welland Canal be ten cents per ton: and for passage eastward through the St. Lawrence Canals only, ten cents per ton, payment of the said toll of ten cents a ton for passage through the Welland Canal to entitle these products to free passage through the St. Lawrence Canals.

6-7 EDWARD VII., A. 1907

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1895.	Tons.	Tons.	Tons.
Apples.....	28	.....	.....
Ashes.....	34	15	.....
Barley.....	959	.....	7,730
Bricks.....	.....	651	.....
Coal.....	.....	7,809	603
Corn.....	70,235	2,912	91,743
Flour.....	30,916	1,824	10,265
Furniture.....	.....	12	2
Glass.....	.....	1	.....
Horses.....	1	1	.....
Hides, skins, &c.....	.....	.....	8
Iron, railway.....	.....	.....	181
" pig.....	79	1,994	.....
" all other.....	1,766	1,408	214
Lard and lard oil.....	.....	.....	6
Meal, all kinds.....	65	.....	46,316
Meats, other than pork.....	.....	.....	30
Molasses.....	100	.....	.....
Oats.....	1,654	123	16,442
Oil, in barrels.....	6	41	30
Pork.....	.....	.....	87
Paint.....	2	.....	.....
Salt.....	.....	36	.....
Stone, for cutting.....	.....	430	.....
Seeds, all kinds.....	.....	.....	14
Steel.....	394	.....	462
Sugar.....	.....	.....	59
Spirits, beer, &c.....	101	84	15
Tobacco.....	.....	16	.....
Wheat.....	*158,643	29,061	17,908
Wool.....	.....	.....	1,536
Merchandise not enumerated.....	558	1,302	7,656
Barrels, empty.....	1	.....	.....
Sawn lumber, in vessels.....	1,117	492	43,286
Railway ties.....	.....	.....	1,942
Shingles.....	.....	19	.....
Square timber, in vessels.....	.....	63,715	500
Total.....	266,659	111,946	247,035

* Of this amount 3,469 tons came down to Kingston in 1894, were stored there and taken to Montreal in 1895; and 245 tons came down to Ogdensburg in 1894, stored there, and transhipped to Montreal in 1895.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1896.	Tons.	Tons.	Tons.
All other vegetables	29		
Apples.....	†1,263		
Ashes.....	94		
Barley.....	240		11,128
Cement and water-lime.....	12		
Coal		11,742	1,255
Corn.....	182,330	19,688	118,426
Crockery.....	5		
Fish.....		2	
Flour.....	11,964	13,846	16,224
Furniture		3	
Glasf	9	3	
Hay, pressed.....		563	
Hides, skins, &c.....			41
Horses	1	1	3
Iron, railway.....		1,192	
" pig.....	5	1,559	
" all other.....	2,020	1,725	
Lard aud lard oil.....			1,348
Meal, all kinds.....		500	46,456
Molasses.....	167		
Oats.....	12,373	1,454	14,351
Oil, in barrels.....	23		1,005
Pease.....	3,020	10	
Pork.....	1		390
Rags.....	4		
Rye.....	8,323	647	
Salt.....		80	
Seeds of all kinds.....	20		78
Steel.....	542	11,317	498
Sugar.....	1		165
Tobacco		1	
Wheat.....	*254,763	51,587	16,467
Wool.....		8	900
Merchandise not enumerated.....	376	54	3,990
Barrels, empty.....			10
Firewood, in vessels.....			165
Sawn lumber	657	1,286	78,397
Shingles.....		94	40
Square timber, in vessels.,		55,588	
" in rafts.....	1,200		
Woodenware.....			12
Total	479,442	172,950	311,349

† 523 tons of this quantity of apples paid full tolls by sections on the Welland Canal, and consequently does not appear on the Welland Through Statement.

* Of this amount 5,290 tons came down to Kingston in 1895, were stored there and transhipped to Montreal in 1896.

6-7 EDWARD VII., A. 1907

U. —COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—Continued.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1897.	Tons.	Tons.	Tons.
Agricultural products, vegetable.			32
Ashes	133		
Barley			14,173
Bricks		739	845
Clay, lime and sand	38	430	
Coal		9,803	
Corn.	*264,396	11,103	115,689
Flaxseed.	3,293	169	
Flour	1,029	211	7,237
Furniture	1	5	
Glass	53	9	
Hay, pressed			301
Horses	1	1	3
Hides and skins, &c			23
Iron, railway.		6,241	965
" pig.		2,828	
" all other	7,564	6,143	
Lard and lard oil.			1,444
Meal, all kinds.		699	41,644
Molasses.	9		
Oats	*6,847	3,046	15,233
Oil, in barrels.	112	51	198
Pease	*2,078	3	
Pork.			243
Rye	8,435	48	
Salt	216		
Stone for cutting		330	
Seeds, all kinds			299
Steel.	375	4,680	
Sugar			31
Spirits, beer, &c	46		
Tobacco.	51		
Wheat.	*278,498	†39,057	12,661
Wool			197
Merchandise not enumerated.	1,214	347	3,591
Firewood, in vessels		12	
Hoops.	257	8	
Lumber, sawn, in vessels.	478	1,158	69,710
Masts			403
" " rafts.		5	
Railway ties, in vessels		999	
Split posts		4	
Timber, square	1,207	81,117	1,040
Staves and headings, salt barrel.	4,716		
Woodenware.			1
Total.	581,047	169,246	285,963

* Of this quantity of corn 573 tons came down to Ogdensburg and Prescott in 1896, were stored there and transhipped to Montreal in 1897.
* Of this quantity of oats 50 tons came down to Prescott in 1896 and passed down to Montreal in 1897, and 170 tons passed through on St. Catharines Reports ; 136 tons of which passed down to Montreal.
* Of this quantity of pease 230 tons were transhipped and passed through on St. Catharines Reports.
* Of this quantity of wheat 624 tons were transhipped and passed through on St. Catharines Reports, and 7,072 tons came down to Kingston and Prescott in 1896 and passed down to Montreal in 1897.
† Of this quantity, 1,079 tons were transhipped and passed through on St. Catharines Reports.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—Continued.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1898.	Tons.	Tons.	Tons.
Agricultural products, vegetable	56		
Ashes	73		
Barley	3,960	1,417	6,909
Cement and water-lime.. ..			300
Clay, lime and sand	52	1	
Coal.		4,536	759
Corn	*310,498	13,338	116,317
Flaxseed	5,687	9	
Flour	653		4,212
Furniture			2
Glass	75		
Horses	4		
Iron, railway		674	770
" pig		4,187	
" all other	6,217	257	324
" ore		13,433	
Lard and lard oil			3,671
Meal, all kinds			22,626
Molasses	56		
Oats	3,975	625	12,729
Oil, in barrels	1,141	15	119
Paint			3
Pease	260		45
Pork			1,271
Rye	*16,133	39	
Salt	144	644	
Seeds, all kinds			44
Spirits, beer, &c	4		34
Steel	1,351	3,122	2,951
Stone for cutting		554	
Tallow			359
Wheat	*184,706	15,860	8,612
Wool			89
Merchandise not enumerated	866	25	3,828
Firewood, in vessels		747	
Lumber, sawn, in vessels	3,065	2,840	72,897
Railway ties		190	
Shingles		11	
Square timber	329	48,369	
Total	539,305	119,893	258,871

* Of this quantity of corn 2,340 tons came down to Ogdensburg and Prescott in 1887, were stored there, and transhipped to Montreal in 1898.

* Of this quantity of rye 45 tons came down to Prescott in 1897, were stored there, and transhipped to Montreal in 1898.

* Of this quantity of wheat 4,165 tons came down to Kingston in 1897, were stored there, and transhipped to Montreal in 1896.

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—Continued.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1899.	Tons.	Tons.	Tons.
Agricultural products, vegetable.....	32		
Ashes.....	58		
Barley.....	596		1,828
Clay, lime and sand.....	15		
Coal.....		8,276	2,293
Corn.....	*150,999	16,594	43,854
Flaxseed.....	200		
Flour.....	4,229	1,889	4,404
Furniture.....		2	7
Glass.....	16		
Horses.....	1		
Iron, ore.....		26,125	
" all kinds.....	5,063		294
Lard and lard oil.....		3	864
Meal, all kinds.....			18,198
Molasses.....	159		8
Nails.....	1	1	11
Oats.....	*10,250	1	13,139
Oil, in barrels.....	7,143	2	254
Paint.....			2
Pork.....			343
Rags.....			1
Rye.....	923		
Salt.....	183	479	549
Seeds, all kinds.....			11
Spirits, beer, &c.....	74	71	168
Steel.....	3,000	1,562	11,802
Stone for cutting.....		429	
Tallow.....			201
Tobacco.....	96		
Wheat.....	*169,978	23,602	9,190
Wool.....			130
Merchandise not enumerated.....	518	126	6,219
Barrels, empty.....	1		
Firewood, in vessels.....		27	
Hop poles.....		100	
Lumber, sawn, in vessels.....	924	4,583	57,695
Masts and spars.....		3	
Railway ties.....		74	1,273
Shingles.....		50	
Square timber, in vessels.....	26	24,959	
Total.....	354,485	108,958	172,738

* Of this quantity of corn 7,443 tons came down to Ogdensburg and Prescott in 1898, were stored there, and transhipped to Montreal in 1899.
* Of this quantity of oats 187 tons passed down from Dunville to Montreal.
* Of this quantity of wheat 6,447 tons passed down to Kingston in 1898, were stored there, and transhipped to Montreal in 1899.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1900.	Tons.	Tons.	Tons.
Agricultural products, vegetable.....		1	6
Ashes.....	25	15	
Barley.....	1,288	563	1,598
Cement and water-lime.....			18
Clay, lime and sand.....	15		
Coal.....		1,360	992
Corn.....	*109,359	9,844	44,306
Flour.....	1,595	990	6,371
Furniture.....	1		
Glass, all kinds.....	6	4	
Horses.....			4
Iron, pig.....	508	1,284	
" all other.....	4,292	1,044	714
" ore.....		58,400	
Lard and lard oil.....			1,588
Meal (all kinds).....			14,244
Molasses.....		21	57
Oats.....	*8,925	348	30,840
Oil, in barrels.....	15,647	4,288	17
Oil-cake.....			2,705
Paint.....		2	36
Pease.....	115		4
Pitch and tar.....		24	
Pork.....			117
Rye.....	3,078	160	300
Salt.....		467	
Soda ash.....		15	
Steel.....	5,420		2,601
Sugar.....			154
Tallow.....			631
Wheat.....	*121,896	6,610	7,541
White lead.....	16		
Merchandise not enumerated.....	103	154	7,899
Barrels, empty.....	182	407	5
Firewood, in vessels.....		1,143	
Lumber, sawn, in vessels.....	15,760	5,701	55,128
Shingles.....		90	
Square timber, in vessels.....		20,267	
Staves.....		3	
Total.....	288,231	113,205	177,876

* Of this quantity of corn 751 tons came to Ogdensburg, Kingston and Prescott in 1899, were stored there, and transhipped to Montreal in 1900.

* Of this quantity of oats 585 tons came down to Ogdensburg, Kingston and Prescott in 1899, were stored there, and transhipped to Montreal in 1900.

* Of this quantity of wheat 10,835 tons came down to Ogdensburg, Kingston and Prescott in 1900, were stored there, and transhipped to Montreal in 1900.

5-6 EDWARD VII., A. 1906

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—Continued.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1901.	Tons.	Tons.	Tons.
Agricultural implements.....	1,785		
" products, vegetable.....			10
Ashes.....	3		
Barley.....			7,119
Coal.....		2,322	357
Corn.....	14,319	4,828	48,609
Flaxseed.....	4,965	2	
Flour.....	1,400	218	15,768
Furniture.....	5		
Glass (all kinds).....	1		
Hay, pressed.....	246		
Iron, pig.....		1,790	
" all other.....	1,178	589	
" ore.....		98,452	
Lard and lard oil.....	1,155	827	525
Meal (all kinds).....	35		13,981
Meats.....	114	7	
Molasses.....		17	
Oats.....	1,584	853	25,704
Oil (in barrels).....	14,987	2,971	22
Oil-cake.....	1,083	113	219
Paint.....	17	6	
Pitch and tar.....		17	
Pork.....	34	970	10
Rye.....	2,961		
Salt.....	50	165	105
Soda ash.....	4		
Spirits, &c.....	32		
Sugar.....	112		448
Tallow.....			119
Tobacco, raw.....	23		
Wheat.....	*132,702	8,051	9,057
Wool.....			3
Merchandise not enumerated.....	2,420	1,395	966
Barrels, empty.....	66		216
Firewood, in vessels.....		1,287	
Lumber, sawn, in vessels.....	2,635	3,412	51,931
Mast spars, &c. ".....		13	
Shingles.....		18	
Square timber, in vessels.....	504	14,023	
Total.....	184,420	142,346	177,169

*Of this quantity 9,324 tons came to Ogdensburg in 1900, were stored there, and transhipped to Montreal in 1901.

SESSIONAL PAPER No. 20a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1902.	Tons.	Tons.	Tons.
Agricultural implements.....	13		399
Barley			7,418
Coal.....	15,976		35,562
Corn.....	1,719	10,335	55,593
Fish.....		1	
Flour	6,755	5,697	7,030
Furniture			17
Iron, railway.....	50		
" all other.....	5,785		220
" ore		3,492	18,988
Lard and lard oil.....			2,413
Meal, all kinds			12,675
Molasses.....	54	18	
Oats	1,442		9,764
Oil, (in barrels).....	12,091	131	1,594
Oil cake.....			110
Paint		20	
Pitch and tar.....		33	
Pork.....			632
Rye	4,079		
Seeds, all kinds			10
Sugar.....			280
Wheat	* 200,975	12,452	8,389
Wool			752
Merchandise not enumerated	419	172	1,928
Barrels (empty)	5	15	4
Firewood, in vessels.....		288	
Lumber, sawn, in vessels.....	1,085	2,178	97,300
Saw logs.....		28	
Square timber, in vessels.....		20,838	
Staves (barrel)		35	
Woodenware.....	17		
Total.....	250,475	55,733	261,078

*Of this quantity 6,096 tons were transhipped to Montreal, being grain of 1901.

5-6 EDWARD VII., A. 1906

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1903.	Tons.	Tons.	Tons.
Agricultural implements.....	46		
" products.....		1	
Ashes.....	14		
Barley.....	2,206	1,017	11,433
Coal.....		30,009	
Corn.....	116,223	13,846	80,689
Flax and hemp.....		5	
Flaxseed.....	3,643		
Flour.....	16,151		6,082
Furniture.....	3	10	
Glass, all kinds.....	15		
Horses.....			2
Iron, railway.....		15	
" all other.....	2,542	556	
" ore.....		18,323	
Meal, all kinds.....	348		13,549
Molasses.....	240	16	
Nails.....	19		
Oats.....	2,438		5,315
Oil.....	14,619	518	2,000
Oil cake.....	462	792	740
Paint.....	5		
Pease.....	63		22
Pork.....			152
Rags.....	4		
Rosin.....	20		
Rye.....	4,260		644
Salt.....	132	2,242	
Seeds, all kinds.....			27
Spirits.....	2		3
Steel.....		5	
Tallow.....	3	15	
Wheat.....	* 226,746	14,199	13,725
Wool.....			482
Merchandise not enumerated.....	582	117	2,012
Firewood, in vessels.....		210	9
Lumber, sawn, in vessels.....		3,086	76,563
Shingles.....		54	
Timber, square, in vessels.....		26,324	
Total.....	390,786	111,360	213,449

*Of this quantity 2,890 tons were transhipped to Montreal, being grain for 1902.

SESSIONAL PAPER No. 26a

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1904.	Tons.	Tons.	Tons.
Agricultural implements	17		393
Apples	1		
Ashes	16		3
Barley	9,697	853	16,621
Cement and water-lime	35		
Coal		32,813	1,100
Corn	55,021	3,950	57,473
Dye woods and dye stuffs		2	
Flaxseed	212		
Flour	24,662	635	8,556
Furniture	6	12	
Glass, all kinds	3		1
Hides and skins	10	1	
Iron, railway	8,170		2,166
" all other	1,651		1,306
" ore	17,362		19,460
Meal, all kinds	57		13,096
Nails		18	
Oats			16,497
Oil, in barrels	12,848		1,755
Oil cake	7,846	2	
Paint		10	17
Pease			3
Pitch and tar		180	
Pork			379
Salt	615	478	
Steel	16	1	
Spirits, &c.	766	458	
Sugar			53
Tallow		2	
Tin	87	28	
Wheat	* 133,528	18,908	11,929
Wool			134
Merchandise	713	102	1,554
Firewood			717
Hop poles			154
Railway ties			652
Sawn lumber, in vessels		9,743	86,979
Square timber	1,544	35,607	
Salt barrels	394		
Total	275,277	103,803	240,998

* Of this quantity 4,014 tons were transhipped to Montreal, being grain of 1903.

5-6 EDWARD VII., A. 1906

U.—COMPARATIVE STATEMENT of the Quantity of Through Freight passed down the Welland Canal, &c.—Continued.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports.
1905.	Tons.	Tons.	Tons.
Agricultural implements.....			552
Barley.....	43,607	2,628	9,197
Bricks.....		15	
Clay, lime and sand.....	22	200	
Coal.....	29,351	58,391	3,346
Corn.....	84,204	3,095	93,622
Crockery and earthenware.....	93		
Flaxseed.....	15,694		
Flour.....	14,571	14,458	9,483
Glass, all kinds.....	21	4	
Hay, pressed.....		200	
Hides and skins.....		46	
Iron, railway.....	10	1,531	
" pig.....		980	
" all other.....	384	2,160	1
" ore.....	3,837	18,544	
Lard and lard oil.....	2,847		
Meats, other than pork.....			87
Meal, all kinds.....	270	200	9,336
Molasses.....	820	63	
Nails.....	64		1
Oats.....	21,404	3,776	10,892
Oil, in barrels.....	20,700	3,082	
Oil cake.....	9,229	662	228
Paint.....		42	
Pease.....			76
Pitch and tar.....	53		
Pork.....			273
Rags.....			4
Rye.....	1,711		
Salt.....	168	36	
Seeds, all kinds.....			43
Soda ash.....	59	8	
Spirits, &c.....	635	104	
Steel.....	48		
Sugar.....	2,019		53
Tallow.....	53		
Tin.....	53		
Tobacco.....	204		
Wheat.....	* 190,505	32,562	15,483
White lead.....			7
Wool.....			21
Merchandise.....	851	205	2,008
Barrels, empty.....			3
Firewood.....			2,700
Railway ties.....			2,248
Sawn lumber, in vessels.....	3,957	12,794	74,279
Square timber, in vessels.....	1,260	9,500	
Shingles.....			62
Split posts, in vessels.....			12
Total.....	448,704	165,286	234,017

* Of this quantity 2,809 tons were transhipped to Montreal, being grain of 1904.

SESSIONAL PAPER No. 26a

U.—STATEMENT showing the quantity of Through Freight passed down the Welland Canal to Canadian Ports, &c.—*Continued.*

RECAPITULATION—*Continued.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the south side of Lake Ontario.
1894.	Tons.	Tons.	Tons.
Barley	258	.....	28,095
Corn.....	60,661	3,243	105,329
Oats.....	175	107	27,621
Pease .....	.....	.....	.....
Rye.....	.....	.....	.....
Wheat.....	212,557	13,349	42,934
Total grain.....	273,651	16,699	203,979
Other articles.....	18,540	63,982	169,091
Total.....	292,191	80,681	373,070
1895.			
Barley.....	959	.....	7,730
Corn	70,265	2,912	91,743
Oats.....	1,654	123	16,442
Rye .....	.....	.....	.....
Wheat	†158,643	29,061	17,908
Total grain	231,491	32,096	133,823
Other articles	35,168	79,850	113,212
Total.....	266,659	111,946	247,035
1896.			
Barley.....	240	.....	11,128
Corn	182,330	19,688	118,426
Oats.....	12,373	1,454	14,351
Pease.....	3,020	10	.....
Rye.....	8,323	647	.....
Wheat	254,763	51,587	16,467
Total grain	*461,049	73,386	160,372
Other articles	18,393	99,564	150,977
Total.....	749,442	172,950	311,349
1897.			
Barley.....	.....	.....	14,173
Corn	264,396	11,103	115,689
Oats	6,847	3,046	15,233
Pease.....	2,078	3	.....
Rye.....	8,435	48	.....
Wheat	278,498	39,057	12,661
Total grain	**560,254	53,257	157,756
Other articles.....	20,793	115,989	128,207
Total.....	581,047	169,246	285,963

† Of this amount, 3,469 tons came down to Kingston in 1894, was stored there, and taken to Montreal in 1895, and 245 tons came down to Ogdensburg in 1894, was stored there, and transhipped to Montreal in 1895.

* Of this amount, 5,290 tons came down to Kingston in 1895, was stored there, and transhipped to Montreal in 1896.

** Of this quantity, 7,695 tons came down in 1896 and were transhipped to Montreal in 1897.

5-6 EDWARD VII., A. 1906

U.—STATEMENT showing the quantity of Through Freight passed down the Welland Canal to Canadian Ports, &c.—Continued.

RECAPITULATION—Continued.

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the south side of Lake Ontario.
1898.	Tons.	Tons.	Tons.
Barley.	3,960	1,417	6,909
Corn.....	310,498	13,338	116,317
Oats.....	3,975	625	12,729
Pease.....	260	.....	45
Rye.....	16,133	39	.....
Wheat.....	184,706	15,860	8,612
Total grain.....	**519,532	31,279	144,612
Other articles.....	19,773	79,614	114,259
Total	539,305	110,893	258,871
1899.			
Barley.....	596	.....	1,828
Corn.....	150,999	16,594	43,854
Oats.....	10,250	1	13,139
Pease.....	.....	.....	.....
Rye.....	923	.....	.....
Wheat.....	169,978	23,602	9,190
Total grain.....	***332,746	40,197	68,011
Other articles.....	21,739	68,761	104,727
Total.....	\$354,485	108,958	172,732
1900.			
Barley.....	1,288	563	1,598
Corn.....	109,359	9,844	44,306
Oats.....	8,925	348	30,840
Pease.....	115	.....	4
Rye.....	3,078	160	300
Wheat.....	121,896	6,610	7,541
Total grain.....	***244,661	17,525	84,589
Other articles.....	43,570	95,680	93,287
Total.....	288,231	113,205	177,876
1901.			
Barley.....	.....	.....	.....
Corn.....	14,319	4,828	48,609
Oats.....	1,584	853	25,704
Pease.....	.....	.....	.....
Rye.....	2,961	.....	.....
Wheat.....	132,702	8,051	9,057
Total grain.....	† 151,566	13,732	83,370
Other articles.....	32,854	128,614	91,799
Total.....	184,420	142,346	175,169

* Of this quantity, 6,550 tans came down in 1897 and were transhipped to Montreal in 1898.
** Of this quantity, 14,077 tons came down in 1898 and were transhipped to Montreal in 1899.
*** Of this quantity, 12,171 tons came down in 1899 and were transhipped to Montreal in 1900.
† Of this quantity, 9,324 tons came down in 1900 and were transhipped to Montreal in 1901.

SESSIONAL PAPER No. 26a

U.—STATEMENT showing the Quantity of Through Freight passed down the Welland Canal to Canadian Ports, &c.—*Concluded.*

RECAPITULATION—*Concluded.*

Articles.	Quantity passed down to Montreal.	Quantity passed down to Canadian Ports between Port Dalhousie and Cornwall.	Quantity passed down to United States Ports on the south side of Lake Ontario.
1902.	Tons.	Tons.	Tons.
Wheat.....			7,418
Corn.....	1,719	10,335	55,593
Oats.....	1,442		9,764
Pease.....			
Rye.....	4,079		
Wheat.....	200,975	12,452	8,389
Total grain.....	‡208,215	22,787	81,164
Other articles.....	42,260	32,946	179,914
Total.....	250,475	55,733	261,078
1903.			
Barley.....	2,206	1,017	11,433
Corn.....	116,223	13,846	80,689
Oats.....	2,438		5,315
Pease.....	63		22
Rye.....	4,260		644
Wheat.....	226,746	14,199	13,725
Total grain.....	§351,936	29,062	111,828
Other articles.....	38,850	82,298	101,621
Total ..	390,786	111,360	213,449
1904.			
Barley.....	9,697	853	16,621
Corn.....	55,021	3,950	57,473
Oats.....			16,497
Pease.....			3
Rye.....			
Wheat.....	**133,528	18,908	11,929
Total grain.....	198,246	23,711	102,523
Other articles.....	77,031	80,092	138,475
Total.....	375,277	103,803	240,998
1905.			
Barley.....	43,607	2,628	9,197
Corn.....	84,204	3,095	93,622
Oats.....	21,404	3,776	10,892
Pease.....			76
Rye.....	1,711		
Wheat.....	190,505	32,562	15,483
Total grain.....	***341,431	42,061	129,270
Other articles.....	107,273	123,225	104,747
Total ..	448,704	165,286	234,017

‡Of this quantity, 6,096 tons came down in 1901 and were transhipped in 1902.

§Of this quantity, 2,890 tons came down in 1902 and were transhipped in 1903.

**Of this quantity, 4,014 tons were transhipped to Montreal, being grain of 1903.

***Of this quantity, 2,809 tons were transhipped to Montreal, being grain of 1904.

COMPARATIVE STATEMENT showing the Quantity of Vegetable Food and Lumber passed through the Canals during the Years ended December 31 1905.

	VEGETABLE FOOD.										Lumber.	Total.
	Flour.	Wheat.	Corn.	Barley.	Oats.	Rye.	Buck- wheat.	All other.				
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.			
Welland Canal, 1904.....	35,049	165,138	116,444	27,171	16,582	.....	.....	13,181	97,409	470,974	
" 1905.....	38,512	254,458	180,921	55,432	36,072	1,711	.....	9,883	93,543	670,532	
Increase	3,463	89,320	64,477	28,261	19,490	1,711	.....	3,298	3,866	199,558	
Decrease.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
St. Lawrence Canals, 1904.....	32,714	275,151	128,059	22,224	20,214	3	630	6,601	41,660	527,256		
" 1905.....	26,125	403,252	161,095	59,846	44,915	3,393	719	6,377	63,942	769,664		
Increase.....	.....	128,101	33,036	37,622	24,701	3,390	89	.....	22,282	242,408	
Decrease	6,589	.....	.....	.....	.....	.....	.....	224	.....	.....
Chambly Canal, 1904.....	1,239	3	202	.....	1,152	.....	3	1,494	46,547	50,640	
" 1905.....	584	.....	2	.....	1,891	.....	.....	1,332	78,126	81,935	
Increase .....	.....	.....	.....	.....	739	.....	.....	.....	31,579	31,295	
Decrease	655	3	200	.....	.....	.....	3	162	.....	.....
Ottawa Canals, 1904.....	96	.....	.....	.....	971	5	.....	425	237,881	239,378	
" 1905.....	107	.....	1	.....	1,016	.....	2	622	292,800	294,548	
Increase	11	.....	1	.....	45	.....	2	197	54,919	55,170	
Decrease.....	.....	.....	.....	.....	.....	5	.....	.....	.....	.....
Rideau Canal, 1904.....	637	1,801	15	66	927	.....	5	313	14,649	18,413	
" 1905.....	647	977	4	105	508	.....	.....	297	19,577	22,115	
Increase.....	10	.....	.....	39	.....	.....	.....	.....	4,928	3,702	
Decrease.....	.....	824	11	.....	419	.....	5	16	.....	.....

SESSIONAL PAPER No. 26a

St. Peter's Canal, 1904.....	1,691		8	4	1,703		3	5,456	6,919	15,784
" 1905	1,451			11	2,498			7,469	8,305	19,734
Increase.....										
Decrease.....	240		8	7	795		3	2,013	1,386	3,950
Trent Valley Canals, 1904.....		69								
" 1905.. ..	25	484		15	15			120	3,619	189
Increase.								163		4,321
Decrease.....	25	415		15	15			43	3,619	4,132
Murray Canal, 1904.....	21	259	32	607	38	98	48	437	452	1,992
" 1905	180	408	1	633	27			875	59	2,183
Increase.....										
Decrease.....	159	149	31	26	11		48	438	393	191
Sault Ste. Marie Canal, 1904.....	213,845	893,823		35,163	31,136	1,375		15,469	31,370	1,222,181
" 1905.....	190,878	779,493	4,116	41,793	35,720	1,910		5,671	35,368	1,094,949
Increase										
Decrease	22,967	114,330	4,116	6,630	4,584	535		9,798	3,998	127,232
Total, Increase.....		102,828	101,380	72,600	49,939	5,533	32		118,452	413,174
Total, Decrease.....	26,783							10,807		
Total for year 1904										
" 1905.....										
2,546,807										
2,959,981										

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

RICHARD DEVLIN,
Compiler of Canal Statistics.

5-6 EDWARD VII., A. 1906

CANAL

COMPARATIVE STATEMENT for Years

	January.	February.	March.	April.	May.
	\$ c.	\$ c.	\$ c.	\$ c.	\$ c.
Welland Canal, 1904		10 00			9,077 95
" 1905				3,288 86	21,346 64
Increase				3,288 86	12,268 69
Decrease		10 00			
St. Lawrence Canals, 1904	43 28	58 33		827 16	15,053 14
" 1905			45 00	802 40	16,452 09
Increase			45 00		1,398 95
Decrease	43 28	58 33		24 76	
Chambly Canal, 1904				8 77	4,120 27
" 1905				13 27	4,460 39
Increase				4 50	340 12
Decrease					
Ottawa Canals, 1904				730 09	3,050 09
" 1905				641 08	4,703 43
Increase					1,653 34
Decrease				89 01	
Rideau Canal, 1904					599 43
" 1905					646 18
Increase					46 75
Decrease					
St. Peter's Canal 1904					312 44
" 1905				2 94	380 56
Increase				2 94	68 12
Decrease					
Trent Valley Canals, 1904				31 00	59 06
" 1905				5 06	75 62
Increase					16 56
Decrease				25 94	
Murray Canal, 1904				6 02	93 20
" 1905				4 69	111 68
Increase					18 48
Decrease				1 33	
Sault Ste. Marie Canal, 1903					
" 1904					
Increase					
Decrease					
Total increase			45 00	3,155 26	15,811 01
Total decrease	43 28	68 33			

SESSIONAL PAPER No. 26a

REVENUE.

ending December 31, 1904 and 1905.

June.	July.	August.	September.	October.	November.	Décember.	Total.
\$ c. 19,229 71 22,001 34	\$ s. 19,988 30 21,063 78	\$ s. 14,436 17 22,335 79	\$ s. 18,947 26 20,836 58	\$ s. 16,557 73 25,385 04	\$ s. 15,709 77 17,205 43	\$ s. 3,919 56 4,303 81	\$ c. 117,876 45 157,767 27
2,771 63	1,075 48	7,899 62	1,889 32	8,827 31	1,495 66	384 25	39,890 82
18,288 16 19,742 45	18,761 67 21,456 23	18,364 01 20,641 37	15,415 15 18,633 85	15,413 37 18,015 82	11,529 01 14,114 77	66 29 142 71	113,819 57 130,046 69
1,454 29	2,694 56	2,277 36	3,218 70	2,602 45	2,585 76	76 42	16,227 12
2,854 60 3,388 33	4,643 75 4,632 41	5,006 71 4,394 10	4,480 28 4,053 66	4,248 17 5,405 57	2,098 32 2,044 10	.....	27,460 87 28,391 88
533 78	11 34	612 61	426 62	1,157 40	54 22	.....	931 01
3,640 94 4,598 35	3,216 80 4,130 27	3,312 87 3,681 32	2,156 78 4,198 24	3,792 91 4,173 60	2,352 24 2,870 74	.....	22,252 72 28,997 03
957 41	913 47	368 45	2,041 46	380 69	518 50	.....	6,744 31
610 72 772 07	724 56 1,041 94	1,201 82 1,066 10	701 36 986 05	761 97 832 77	426 78 373 83	55 89	5,026 64 5,774 83
161 35	317 38	135 72	284 69	70 80	52 95	55 89	748 19
339 26 363 83	341 88 390 50	423 10 417 39	421 70 411 51	467 84 388 18	304 61 354 09	154 92 202 96	2,765 75 2,911 96
24 57	48 62	5 71	10 19	79 66	49 48	48 04	146 21
203 90 203 81	360 01 274 54	346 26 284 99	201 71 212 65	139 21 158 78	22 00 94 68	14 00	1,377 15 1,310 13
09	85 47	61 27	10 94	19 57	72 68	14 00	67 02
115 49 124 95	214 98 219 27	257 11 280 13	165 35 197 38	163 74 140 33	81 93 128 96	50	1,097 82 1,205 89
9 46	2 29	23 02	32 03	23 41	47 03	50	108 07
5,912 40	4,954 99	9,753 14	7,040 33	12,955 15	4,661 94	551 10	64,728 71

Total revenue for 1904.\$291,676 97
" 1905. 356,405 68

RICHARD DEVLIN, *Compiler of Canal Statistics.*

5-6 EDWARD VII., A. 1906

APPENDIX A.

No. 1.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal and the Amount of Revenue heretofore collected, now free, during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.		Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	\$	cts.
Ashes, pot and pearl.....															
Apples.....															
Agricultural products not enumerated, vegetables.....															
Agricultural products not enumerated, animal.....															
Agricultural implements.....															
Barley.....		6,593				552				552	552			110 40	110 40
Bricks.....	510					9,197		39,642		55,432	55,432			5,543 20	5,543 20
Bones.....								15		15	525			3 00	79 50
Brimstone.....															
Buckwheat.....															
Cement and water lime.....															
Clay, lime and sand.....	153														
Coal.....					70,118	3,346	11,436	87,742	50	222	50			7 50	7 50
Corn.....						93,622		87,299	153		375			6 05	50 45
Cattle.....									81,554	91,088	172,642			16,310 80	34,528 40
Cotton (raw).....	96	93								180,921	180,921			18,092 10	18,092 10
Crockery and earthenware.....			5		8				109	93	202			18 60	34 95
Dye wood and dye stuffs.....															
Fish.....					101				101		101			15 15	15 15
Flax and hemp.....															
Flour.....		2,587				24,054		11,871		38,512	38,512			7,702 40	7,702 40
Furniture.....	6		7						13		13			1 95	1 95
Gypsum.....															
Glass (all kinds).....	208		90					25	298	25	323			5 00	49 70
Hay (pressed).....						200				200	200			40 00	40 00
Hogs.....															
Horses.....															
Hides and skins, horns and hoofs.....		46								46	46			9 20	9 20

Ice	1,110	1,541	1,110	1,541	166 50	308 20	474 70
Iron, railway.....	330	980	330	980	49 50	196 00	245 50
" pig.....						509 00	1,567 55
" all other.....	521	2,149	7,057	2,545	1,058 55	1,119 05	1,119 05
Iron ore.....		22,381		22,381			
Kryolite chemical ore and other ore, except iron.....							
Lard and lard oil.....		2,847		2,847		569 40	569 40
Meal, all kinds.....	1	9,806	1	9,806	0 15	1,961 20	1,961 35
Meat, other than pork.....	87		15	87	2 25	17 40	19 65
Marble.....	568		568		85 20		85 20
Manilla.....	15		15		2 25		2 25
Molasses.....		883		883		176 60	176 60
Nails.....	3,141	64	3,219	65	482 85	13 00	495 85
Oats.....		22,452		36,072		3,607 20	3,607 20
Oil (in barrels).....	20	3,659	532	23,782	79 80	4,756 40	4,836 20
Oil cake.....		9,854		10,119		2,023 80	2,023 80
Pease.....	76			76		7 60	7 60
Potatoes.....							
Pork.....	273			273		54 60	54 60
Paint.....	42		227	42	34 05	8 40	42 45
Pitch and tar.....		53		53		10 60	10 60
Rags.....	4			4		0 80	0 80
Rye.....		1,711		1,711		171 10	171 10
Rosin.....							
Flaxseed.....		15,694		15,694		1,569 40	1,569 40
Salt.....	22	182	22	204	3 30	40 80	44 10
Stone, intended for cutting							
" wrought.....							
" not suitable for cut- ting, unwrought.....							
Seeds, all kinds.....	43			43		4 30	4 30
Sheep.....							
Soda ash.....	15	67	15	67	2 25	13 40	15 65
Steel.....	865	48	900	48	135 00	9 60	144 60
Sugar.....	7,172	2,019	7,209	2,072	1,081 35	414 40	1,495 75
Spirits, beer, &c.....	351	712	725	739	108 75	147 80	256 55
Tobacco (raw).....		204		204		40 80	40 80
Tallow.....	514	53	517	53	77 55	10 60	88 15
Tin.....	53	53	354	53	53 10	10 60	63 70
Turpentine.....	1		1		0 15		0 15
Wheat.....	3,280	213,542	6,859	247,593	525 73	24,420 64	24,946 37
White lead.....	20		20	7	3 00	1 40	4 40
Whiting.....	70		70		10 50		10 50
Wool.....				21		4 20	4 20
All other goods and mer- chandise not enumerated.....	11,503	240	42,502	3,143	6,360 40	614 78	6,975 22
Bark.....							
Barrels, empty.....				3		0 60	0 60
Boat knees.....							

20a—6

No. (A) 1.—GENERAL STATEMENT showing the Quantity of each Article transported on the Welland Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls, Up.	Amount of Tolls, Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Floats.....														
Firewood, in vessels		2,475	1,407			2,700				1,407	5,175	93 80	317 88	411 68
" rafts.....														
Hoops.....														
Hoop poles.....														
Lumber, sawn, in vessels		5,404	2,038	62,510	475	15,726		7,390	2,513	91,030	93,543	452 20	16,377 96	16,830 16
" rafts.....														
Masts, spars and telegraph poles, in vessels														
" " in rafts														
Railway ties, in vessels						2,248				2,248	2,248		359 45	359 45
" rafts														
Saw logs.....		381								381	381		22 50	22 50
Staves and headings, barrel pipe														
" " W. India														
Staves, salt barrel														
Shingles.....						62				62	62		20 13	20 13
Split posts and fence rails, in vessels.....						12				12	12		4 80	4 80
" " in rafts														
Timber, square, in vessels		1,000						9,760		10,760	10,760		1,614 00	1,614 00
" rafts.....														
Traverses														
Woodenware and wood partly manufactured					598					601		240 40		240 40
Total freight, heretofore paying tolls, now free..	28,243	257,434	4,565	62,510	111,749	190,547	15,020	349,500	159,577	859,991	1,019,568	27,587 62	111,316 29	138,903 91
Articles having paid full tolls on the St. Lawrence Canals, free:														
Bricks	112		20						132		132			
Cement, &c.....	181								181		181			
Iron, railroad	126								126		126			

" pig.....	112	200						312	312				
" all other	2,352	1,281						3,633	3,633				
Steel.....	167	25						192	192				
Salt.....	150							150	150				
Flour	18							18	18				
Seeds, all other kinds.		35						35	35				
All other vegetables.....	127							127	127				
Meats, other than pork	28							28	28				
Crockery, &c.	154	1						155	155				
Furniture.....	2							2	2				
Glass, all kinds	1,111	530						1,641	1,641				
Manilla.	93							93	93				
Molasses..	1							1	1				
Nails	2,998	63						3,061	3,061				
Oils	54	66						120	120				
Paint	367							367	367				
Pitch and tar.....	5							5	5				
Rags	15							15	15				
Soda ash.....	10	18						28	28				
Sugar.....	1,046	122						1,168	1,168				
Tim.	576	352						928	928				
White lead.....	80							80	80				
Whiting.....	158							158	158				
Whiskey, &c	203	181						384	384				
All other goods and mer- chandise not enumerated.	10,485	4,075			800			15,360	15,360				
Firewood, in vessels.	1,347	42,635						43,982	43,982				
Grand total freight..	50,321	54,169	257,434	62,510	112,549	190,547	15,020	349,500	859,991	1,092,050			
Total tolls on vessels.....													
" passengers													
" free goods.....													
\$7,213 80													
Total tolls.....													
Fines.....													
* Damages.....													
Harbour dues													
Winterage													
Total revenue, exclusive of hydraulic rents													

* Amount of damages not included in above \$7,378.70.

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

APPENDIX A—Continued.

No. (A) 2.—GENERAL STATEMENT showing the Quantity of each Article of Through Freight transported on the Welland Canal and the Amount of Tolls heretofore collected, during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.		Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		cts.	cts.	
Ashes, pot and pearl														
Apples														
Agricultural products not enumerated, vegetables														
Agricultural products not enumerated, animal														
Agricultural implements														
Barley		6,593				552		39,642		552			110 10	110 40
Bricks	510						15		510		55,432		5,543 20	5,543 20
Bones													3 00	79 50
Brimstone														
Buckwheat														
Cement and water lime					50				50			7 50		7 50
Clay, lime and sand	3								3			0 45	44 10	44 85
Coal			70,118			3,346	11,436	87,742	81,554	91,088	172,642	16,310 80	18,217 60	34,528 40
Corn						93,622		87,290		180,921	180,921		18,092 10	18,092 10
Cattle														
Cotton (raw)	96	93	5						109	93	202	16 35	18 60	34 95
Crockery and earthenware														
Dye wood and dye stuffs					101				101		101	15 15		15 15
Fish														
Flax and hemp														
Flour		2,587				24,054		11,871		38,512	38,512		7,702 10	7,702 40
Furniture	6								13		13	1 95		1 95
Gypsum														
Glass (all kinds)	208		90				25		298	25	323	44 70	5 00	49 70
Hay (pressed)						200				200	200		10 00	10 00
Hogs														
Horses														
Hides and skins, horns and hoofs		46								46	46		9 20	9 20
Ice														
Iron, railway	1,110	1,541							1,110	1,541	2,651	166 50	308 20	474 70

[illegible]

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

RICHARD DEVLIN,
Compiler of Canal Statistics.

SESSIONAL PAPER No. 20a

	9	13					9	13	22	1 02	1 36	2 38
Hides and skins, horns and hoofs.....												
Ice.....	559	32					559	32	591	25 54	3 46	29 00
Iron, railway.....	1,495	541					3,031	541	3,572	258 83	24 79	283 62
" pig.....	27,414	3,417	200				29,815	3,456	33,271	2,527 61	249 15	2,776 76
" all other.....			2,230									
Iron ore.....												
Kryolite.....												
Lard and lard oil.....	77	287						287	287		32 29	32 29
Meal, all kinds.....	73	173					77	173	250	10 20	22 17	33 37
Meat, other than pork.....	78	661					73	661	734	4 37	27 63	32 00
Marble.....		38					78	38	116	11 19	5 37	16 56
Manilla.....	141											
Molasses.....	433	5					141	5	146	28 18	1 00	29 18
Nails.....	5,264	219					433	219	652	70 80	25 32	96 12
Oats.....	336	375	183				5,447	375	5,822	1,977 56	66 77	1,144 33
Oil (in barrels).....	2,231	20,655					336	23,175	23,511	10 41	1,057 78	1,068 19
Oil cake.....	5	1,284	126				2,391	1,284	3,675	456 22	240 72	696 94
Pease.....	10	889					5	889	894	0 46	44 45	44 91
Potatoes.....	84	681					10	681	691	0 66	68 04	68 70
Pork.....	366	54					84	54	138	9 08	3 43	12 51
Paint.....	1,573	210					366	210	576	35 28	14 88	50 16
Pitch and tar.....	154	463	34				1,607	463	2,070	315 00	86 60	401 60
Rags.....	176	9	62				311	9	320	45 59	1 20	46 79
Rye.....		35	4				336	35	371	39 70	7 00	46 70
Flax seed.....		1,682						1,682	1,682		42 05	42 05
Rosin.....	11	9										
Salt.....	3,534	102					1,391	9	1,400	71 13	1 20	72 33
Stone intended for cutting.....	1						3,702	102	3,804	384 41	8 41	392 82
" wrought.....	2	175					1		1	0 06		0 06
" not suitable for cutting, unwrought.....	75	12,142					2	175	177	0 20	8 75	8 95
Seeds, all kinds.....	3,597	1	35									
Sheep.....	76	5					75	5	12,217	11 25	242 55	253 80
Soda ash.....	884		44				3,632	12,142	3,633	142 08	0 04	142 12
Steel.....	2,333	219					76		81	3 20	0 31	3 51
Sugar.....	8,881	243					948		948	183 10		183 10
Spirits, beer, &c.....	1,220	725	2,319				2,333	219	2,552	304 33	32 41	336 74
Tobacco (raw).....	6	289					11,200	243	11,443	2,216 58	22 20	2,238 78
Tallow.....		3					1,509	725	2,234	277 75	128 11	405 86
Tin.....	3,138	9					6	3	9	0 81	0 45	1 26
Turpentine.....	21	40						9	9		1 05	1 05
Wheat.....	1,466	210,561	720				3,964	40	4,004	779 93	8 00	787 93
White lead.....	752	37					21		21	4 05		4 05
Whiting.....	603	6					2,186	210,561	212,747	196 29	6,547 91	6,714 20
Wool.....	1						752	37	789	148 08	6 65	154 73
All other goods and merchandise not enumerated.....							603	6	609	119 98	1 05	121 03
Bark.....							1		1	0 04		0 04
Barrels, empty.....	39,744	15,223	6,371	303	835		46,945	16,414	63,359	7,696 27	2,129 25	9,825 52
	695	1,026					695	1,026	1,721		51 47	121 82

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Amount of Tolls, Up.		Amount of Tolls, Down.		Total Amount of Tolls.	
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Floats																
Firewood, in vessels.....	24,514	3,157	123,008						147,522	3,157	150,679	10,018 30	88 90		10,107 20	
Lumber, sawn, in vessels ..	44,155	8,772	7,053	5					51,213	8,772	59,985	2,061 29	334 81		2,396 10	
Masts, spars and telegraph poles, in vessels.....		390								390			29 00		29 00	
Masts, spars and telegraph poles, in rafts.....		10,967								10,967	10,967		274 50		274 50	
Railway ties, in vessels ..	699	15	3,717						4,416	15	4,431	386 10	0 38		386 48	
" rafts.....																
Saw logs.....		3,858								3,858	3,858		240 00		240 00	
Shingles.....	2	9							2	9	11	0 33	1 50		1 83	
Timber square, in vessels ..	11	82							11	82	93	0 70	1 10		1 80	
" rafts.....	738	10,853							738	10,853	11,591	20 25	282 08		302 33	
Traverses.....																
Woodenware and wood partly manufactured	73	483							73	483	556	20 60	96 40		117 00	
Total freight, heretofore paying toll, now free ..	249,427	572,571	148,000	308	865	304,116	404,720	817,552	1,222,272	34,438 48	68,870 36	103,308 84				
Articles having passed the full length of the Welland Canal, free:																
Barley.....		5,885				37,722		43,607			43,607					
Clay, lime and sand.....						32		22			22					
Corn.....		10,679	2,144			71,808		84,631			84,631					
Crockery and earthenware.....		93						93			93					
Flax seed						15,694		15,694			15,694					
Flour.....		2,700				11,871		14,571			14,571					
Glass.....						21		21			21					
Iron, railway.....		10						10			10					
" all other		35				349		384			384					

Lard and lard-oil	14				2,833	2,847	2,847
Meal	270					270	270
Merchandise	109				742	851	851
Molasses					820	820	820
Nails	22				42	64	64
Oats	8,602				12,902	21,404	21,404
Oil-cake	37				9,192	9,229	9,229
Oils	15,608				5,092	20,700	20,700
Pitch and tar					53	53	53
Rye					1,711	1,711	1,711
Salt	21				147	168	168
Soda ash					59	59	59
Steel					48	48	48
Sugar					2,019	2,019	2,019
Tallow					53	53	53
Tin					53	53	53
Tobacco					204	204	204
Wheat	181,056				9,449	190,505	190,505
Whiskey, &c.	24				611	635	635
Lumber, sawn, in vessels	852			931	2,174	3,957	3,957
Square timber	1,260					1,260	1,260
Iron ore	3,837					3,837	3,837
Coal	7,986				21,365	29,351	29,351
Coal, free per O. C.	79,936	493			1,023	81,452	81,452
Grand total freight	329,363	148,493	2,144	308	8,008	1,266,683	1,752,855

Total tolls on vessels	10,841 50	9,039 59	19,881 09
" passengers	1,750 80	3,670 00	5,420 80
" Free goods			
Total tolls	47,030 78	81,579 95	128,610 73
Fines			65 00
* Damages			
Wharfage, storage and winterage			566 78
Other receipts			804 18
Total revenue, exclusive of hydraulic rent			130,046 69

* Amount of damages not included in above, \$440.86.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906

RICHARD DEVLIN,
Compiler of Canal Statistics.

SESSIONAL PAPER No. 20a

Iron, railway	33	15						33		15	48	4 95	2 25	7 20
" pig.	972	40						1,172		40	1,212	175 80	6 00	181 80
" all other	9,576	1,005					39	11,806		1,044	12,850	1,770 90	156 60	1,927 50
" ore														
Lard and lard oil	52	137						52		137	189	7 80	20 55	28 35
Meal, all kinds	8	5						8		5	13	1 20	75	1 95
Meat, other than pork.	68	35						68		35	103	10 20	5 25	15 45
Marble														
Manilla	139	5						139		5	144	27 80	1 00	28 80
Molasses	13	93						13		93	106	2 60	18 60	21 20
Nails	4,806	308						4,989		308	5,297	997 80	61 60	1,059 40
Oats		3,632					2,520			6,152	6,152		615 20	615 20
Oil (in barrels)	1,784	1,174						1,910		1,174	3,084	382 00	234 80	616 80
Oil cake														
Pease										680	680		68 00	68 00
Potatoes	23	5						23		5	28	3 45	75	4 20
Pork	25	44						25		44	69	3 75	6 60	10 35
Paint	1,438	423						1,472		423	1,895	294 40	84 60	379 00
Pitch and tar	6	5						68		5	73	13 60	1 00	14 60
Rags	88	35						92		35	127	18 40	7 00	25 40
Rye														
Rosin	4	5						4		5	9	80	1 00	1 80
Salt	722	40						722		40	762	108 30	6 00	114 30
Stone intended for cutting.														
Stone, wrought														
Stone, not suitable for cutting, unwrought.														
Seeds, all kinds	6							41				6 15		6 15
Sheep														
Soda ash	860							904				180 80		180 80
Steel	1,588	215						1,588		215	1,803	238 20	32 25	270 45
Sugar	8,226	67						10,545		67	10,612	2,109 00	13 40	2,122 40
Spirits, beer, &c.	674	604						963		604	1,567	192 48	120 80	313 28
Tobacco (raw)	5	3						5		3	8	75	45	1 20
Tallow		5								5	5		75	75
Tin	2,920	40						3,746		40	3,786	749 20	8 00	757 20
Turpentine	6							6			6	1 20		1 20
Wheat	400	17,119						1,120		17,119	18,239	168 00	1,711 90	1,879 90
White lead	524	32						524		32	556	104 80	6 40	111 20
Whiting	577	5						577		5	582	115 40	1 00	116 40
Wool														
All other goods and merchandise not enumerated.	24,188	7,822					356	30,559		8,178	38,737	6,109 02	1,635 60	7,744 62
Bark														
Barrels, empty	96							96			96	18 62		18 62
Boat knees														
Floats														
Firewood, in vessels.	21,289							144,297			144,297	9,915 80		9,915 80
" rafts.														
Hoops														

No. (A) 5.—GENERAL STATEMENT showing the Quantity of each Through Article transported on the St. Lawrence Canals—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. — Up.		Amount of Tolls. — Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	\$	cts.
Hop poles.....	5,196	1,451	7,053						12,249	1,415	13,700	1,069	06	130	50
Lumber, sawn, in vessels..															1,199 56
" rafts.....															
Masts, spars, and telegraph poles, in vessels.....		350								350				28	00
" rafts.....															
Railway ties, in vessels.....	699		3,717						4,416		4,416	386	10		386 10
" rafts.....															
Saw logs.....		2,100								2,100				200	00
Staves and headings, barrel pipe.....															
" " W. India.....															
Staves, salt barrel.....															
Shingles.....															
Split posts and fence rails, in vessels.....															
" rafts.....															
Timber, square, in vessels.....		2								2				10	10
" rafts.....		320								320				32	00
Traverses.....															
Woodenware and wood partly manufactured.....	32	4							32	4	36	12	40	1	60
Total freight heretofore paying tolls, now free..	96,040	106,045	148,000						244,040	379,016	623,056	26,862	38	55,519	13
Articles having passed the full length of the Welland Canal, free :—															
Barley.....		5,885						37,722		43,607					
Clay, lime and sand.....								22		22					
Corn.....		10,697		2,144			71,381			84,204					
Crockery and earthenware.....		93								93					
Flaxseed.....							15,694			15,694					
Flour.....		2,700					11,871			14,571					

6-7 EDWARD VII., A. 1907

APPENDIX A—Continued.

No. (A) 6.—GENERAL STATEMENT showing the Quantity of each Article of Way Freight transported on the St. Lawrence Canals, and the Amount of Tolls heretofore collected, now free, during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.		Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		\$	cts.	
Ashes, pot and pearl	5	28							5	28	33	0 95	1 40	2 35
Apples	311	447							311	447	758	12 55	17 31	29 86
Agricultural products not enumerated, vegetables	309	50							309	50	359	15 98	2 18	18 16
Agricultural products not enumerated, animal	1,095	601							1,095	601	1,696	44 80	26 03	70 83
Agricultural implements	140	15							140	15	155	16 18	0 80	16 98
Barley	54	10,125							54	10,125	10,179	2 06	253 17	255 23
Bricks	15,538	24							15,728	24	15,752	611 50	0 91	612 41
Bones	1	2							1	2	3	0 04	0 15	0 19
Brimstone	1,176								1,176		1,176	115 51		115 51
Buckwheat	2	18							2	18	20	0 12	0 55	0 67
Cement and water lime	1,343	272							1,502	272	1,774	74 59	10 30	84 89
Clay, lime and sand	34,521	42,783							37,270	42,783	80,053	1,413 97	1,609 61	3,023 58
Coal		4,153								4,153	24,256		1,400 39	1,400 39
Corn	1,710	60,183							1,710	71,255	72,965	47 98	1,965 08	2,013 06
Cattle	100	435							100	435	535	6 60	30 62	37 22
Cotton, raw														
Crockery and earthenware	63								63		63	11 20		11 20
Dye wood and dye stuffs	5								5		5	0 50		0 50
Fish	35	5							35	5	40	1 72	0 20	1 92
Flax and hemp														
Flour	2,063	8,702							2,063	8,702	10,765	139 49	383 50	522 99
Furniture	334	907							334	907	1,241	39 79	52 00	91 79
Gypsum														
Glass, all kinds	162	3							162	3	165	29 76	0 15	29 91
Hay, pressed	3,310	4,003							3,310	4,003	7,313	124 36	219 50	343 86
Hogs	21	2							21	2	23	0 84	0 15	0 99
Horses	427	764							427	764	1,191	21 93	34 49	56 42

No. (A) 6.—GENERAL STATEMENT showing the Quantity of each Article of Way F reight transported on the St. Lawrence Canals—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls. Up.	Amount of Tolls. Down.	Total Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.				
Boat knees.....														
Floats.....														
Firewood, in vessels.....	3,225	3,157							3,225	3,157	6,382	102 50	88 90	191 40
" rafts.....														
Hoops.....														
Hop poles.....														
Lumber, sawn, in vessels.....	38,959	7,321			5				38,964	7,321	46,285	992 23	204 31	1,196 54
" rafts.....														
Masts, spars and telegraph poles, in vessels.....		40								40	40		1 00	1 00
Masts, spars and telegraph poles, in rafts.....		10,967								10,967	10,967	274 50		274 50
Railway ties, in vessels.....		15								15	15		0 38	0 38
" rafts.....														
Saw logs.....		1,758								1,758	1,758		40 00	40 00
Staves and headings, barrel pipe.....														
" W. India.....														
Staves, salt barrel.....														
Shingles.....	2	9							2	9	11	0 33	1 50	1 83
Split posts and fence rails, in vessels.....														
Split posts and fence rails, in rafts.....	11	80							11	80	91	0 70	1 00	1 70
Timber, square, in vessels.....	738	10,533							738	10,533	11,271	20 25	250 08	270 33
" rafts.....														
Traverses.....														
Woodenware and wood partly manufactured.....	41	479							41	479	520	8 20	94 80	103 00
Total freight heretofore paying tolls, now free.....	153,387	406,526			308	865	6,985	31,145	160,680	438,536	599,216	7,576 10	13,351 23	20,927 33

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RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

No. (A) 7.—GENERAL STATEMENT showing the Quantity of each Article transported on the Ottawa Canals, and the Amount of Revenue Collected, &c.—*Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Hop poles.												\$ cts.
Lumber, sawn, in vessels.	72	218,204		74,478					72	292,682	292,754	22,883 20
" " rafts.		46								46	46	0 81
Masts, spars, and telegraph poles, in vessels.												
" " rafts.										49	49	6 63
Railway ties, in vessels.		49										
" " rafts.												
Saw logs.												
Staves and headings, barrel.												
" " pipe.												
" " West India.												
Staves, salt barrel.												
Shingles.		14								14	14	0 93
Split posts and fence rails, in vessels.												
" " rafts.												
Timber, square, in vessels.	40	240							40	240	280	1 98
" " rafts.		3,035								3,035	3,035	34 03
Traverses.												
Woodenware and wood partly manufactured.												
Total freight heretofore paying tolls, now free.	263	296,600		74,478					263	371,078	371,341	25,754 77
Free, per Order in Council—												
Floats.		17,601								17,601	17,601	
Lumber sawn (in rafts).		541								541	541	
Shingles.		8								8	8	
Timber, square.		1,280								1,280	1,280	
Freight, grand total.	263	316,030		74,478					263	390,508	390,771	

SESSIONAL PAPER No. 20a

Total tolls on vessels.....	2,893 96
" passengers..	260 70
" free goods.....	\$171 48
Total tolls.....	
Fines	28,949 43
Wharfage and winterage.....	4 00
Other receipts....	27 60
	16 00
Total revenue, exclusive of hydraulic rents.....	
	28,997 03

Damages \$7 not included in above.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 8.—GENERAL STATEMENT showing the Quantity of each Article transported on the Chambly Canal, and the Amount of Revenue heretofore collected, now free, during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.	19	1,290							19	1,293	1,312	89 93
Apples.												
Agricultural products not enumerated, vegetables.												
" " animal.	47	38	561						561	18	579	56 73
Agricultural implements.										38	85	3 18
Barley.												
Bricks.	348						2,171		348	2,171	2,519	277 21
Bones.												
Brimstone.												
Buckwheat.												
Cement and water lime.	93						701		93	701	794	73 24
Clay, lime and sand.	720						9,692		720	9,692	10,412	1,048 63
Coal.	840	5					74,971		840	74,976	75,816	7,279 69
Corn.		2								2	2	20
Cattle.	8	137							8	137	145	5 06
Cotton (raw).												
Crockery and earthenware.	2	275							2	275	277	24 25
Dye wood and dye stuffs.												
Fish.												
Flax and hemp.												
Flour.	520	64							520	64	584	19 74
Furniture.		7								7	7	24
Gypsum.												
Glass (all kinds).												
Hay (pressed).	277	9,164	7,990						8,267	9,164	17,431	885 37
Hogs.												
Horses.	7	10							7	10	17	65
Hides and skins, horns and hoofs.												
Ice.												
Iron, railway.	44	3					855		44	858	902	87 08
" pig.							1,176			1,176	1,176	117 60
" all other.	98	56					1		98	57	155	5 33

SESSIONAL PAPER No. 20a

Iron ore	17,682	420	17,682	17,682	420	17,682	892 35
Kryolite chemical ore and other ore, except iron							23 10
Lard and lard oil.	2		2			2	07
Meal, all kinds	2		2			2	07
Meats, other than pork							
Marble							
Manilla	1		1			1	04
Molasses	64		64			68	2 33
Nails	88		88			104	3 63
Oats	31		31			1,891	63 19
Oil (in barrels).	75		75			105	5 37
Oil cake							
Pease	9		9			11	37
Potatoes	5		5			7	24
Pork	1		1			2	08
Paint						1	04
Pitch and tar	60					728	72 80
Rags							
Rye							
Flaxseed							
Rosin	1		2,118			2,119	260 92
Salt	125		336			608	43 02
Stone intended for cutting							
" wrought							
" not suitable for cutting, unwrought							
Seeds, all kinds	30		1,533			1,533	107 92
Sheep						30	1 03
Soda ash						81	2 88
Steel							
Sugar	129						
Spirits, beer, &c.	20					158	5 45
Tobacco (raw)						37	1 27
Tallow							
Tin							
Turpentine							
Wheat							
White lead							
Whiting							
Wool							
All other goods and merchandise not enumerated	1,234	1,042	1,945	1,943	2,987	4,930	342 33
Bark							
Barrels, empty	1	63		1	63	64	5 30
Boat knees							
Floats				333		333	11 10
Fire wood, in vessels		282		225,078	282	225,360	7,639 87
" rafts							
Hoops							
Hop poles							
Lumber, sawn, in vessels	668	16	96	78,014	112	78,126	4,416 20
" rafts							

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Masts, spars, and telegraph poles, in vessels												\$ cts.
" " rafts		32								32		1 07
Railway ties, in vessels												
" " rafts												
Saw-logs												
Staves and headings, barrel												
" " pipe												
" " West India												
Staves, salt barrel	161								161			
Shingles		50								50	211	22 34
Split posts and fence rails, in vessels								210		210	210	21 00
" " rafts												
Timber square, in vessels												
" " rafts												
Traverses												
Woodenware and wood partly manufactured												
Total freight heretofore paying tolls, now free.	5,665	14,787	312,017					114,597	317,682	129,387	447,069	23,919 51
Total tolls on vessels												4,424 53
" passengers												47 84
Total tolls												28,391 88
* Damages \$12.00												
Fines												
Other receipts												
Total revenue exclusive of hydraulic rents												28,391 88

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 9.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal and the Amount of Tolls heretofore Collected, now Free, during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.....	10	.....	.....	.....	.....	.....	.....	.....	10	.....	10	\$ 0 87
Apples.....	33	226	.....	.....	.....	.....	.....	.....	33	226	259	8 05
Agricultural products not enumerated, vegetables ..	12	35	.....	.....	.....	.....	.....	.....	12	35	47	1 26
" " animals.....	47	2,781	.....	.....	.....	.....	.....	.....	47	2,781	2,828	204 06
Agricultural implements.....	92	184	.....	.....	.....	.....	.....	.....	92	184	276	33 04
Barley.....	.....	80	.....	.....	.....	.....	.....	.....	.....	105	105	2 47
Bricks.....	512	80	.....	.....	.....	.....	.....	.....	612	80	692	23 89
Bones.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Brimstone.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Buckwheat.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Cement and water lime ..	326	203	.....	.....	.....	.....	.....	.....	326	203	529	13 92
Clay, lime and sand..	389	3,982	.....	.....	.....	.....	.....	.....	389	3,982	4,371	102 13
Coal.....	.....	281	.....	.....	.....	.....	.....	.....	.....	11,200	11,200	432 13
Corn.....	1	3	.....	.....	.....	.....	.....	.....	1	3	4	0 12
Cattle.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	1	0 03
Cotton (raw).....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Crockery and earthenware ..	4	22	.....	.....	.....	.....	.....	.....	4	22	26	2 34
Dye wood and dye stuffs.....	5	.....	.....	.....	.....	.....	.....	.....	5	.....	5	0 44
Fish.....	3	.....	.....	.....	.....	.....	.....	.....	3	.....	3	0 07
Flax and hemp ..	.....	7	.....	.....	.....	.....	.....	.....	.....	7	7	0 17
Flour.....	363	284	.....	.....	.....	.....	.....	.....	363	284	647	18 79
Furniture.....	43	45	.....	.....	.....	.....	.....	.....	43	45	88	8 21
Gypsum.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Glass (all kinds).....	91	21	.....	.....	.....	.....	.....	.....	91	21	112	12 41
Hay (pressed).....	663	.....	.....	.....	.....	.....	.....	.....	663	.....	663	17 13
Horses.....	2	5	.....	.....	.....	.....	.....	.....	2	5	7	0 20
Hides and skins, horns and hoofs.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	0 03
Iron, railway.....	19	1	.....	.....	.....	.....	.....	.....	19	1	20	0 48
" pig.....	175	.....	.....	.....	.....	.....	.....	.....	175	.....	175	6 18
" all other.....	628	16	.....	.....	.....	.....	.....	.....	628	16	644	19 72

6-7 EDWARD VII., A. 1907

No. (A) 9.—GENERAL STATEMENT showing the Quantity of each Article transported on the Rideau Canal, &c. *Continued.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Iron ore.....												\$ cts.
Kryolite and other ore, except iron.....		125								140	125	265 493
Lard and lard oil.....	25									25		25 0 60
Meal, all kinds.....	3									3		3 0 09
Meat, other than pork.....	13									13		13 0 36
Marble.....												
Manilla.....	1	5								1	5	6 0 53
Molasses.....	115	3								115	3	118 13 32
Nails.....	436	17								436	17	453 46 69
Oats.....		508									508	508 21 41
Oil (in barrels).....	300	121								300	121	421 37 81
Oil cake.....												
Pease.....												
Potatoes.....	31	4								31	4	35 0 98
Pork.....	175	5								175	5	180 5 63
Paint.....	105	4								105	4	109 11 00
Pitch and tar.....	87	15								87	15	102 8 89
Rags.....	24	55								24	55	79 6 92
Rye.....												
Rosin.....	7									7		7 0 61
Salt.....	2,017	187								2,017	187	2,204 58 63
Stone intended for cutting.....												
" wrought.....	2	1								2	1	3 0 27
" not suitable for cutting, unwrought.....												
Seeds, all kinds.....		2									2	2 0 05
Sheep.....												
Soda ash.....												
Steel.....	119									119		119 4 50
Sugar.....	284	111								284	111	395 41 51
Spirits, beer, &c.....	355	151								355	151	506 44 94
Tobacco (raw).....	12									12		12 0 29
Tallow.....												
Tin.....	7									7		7 0 62
Turpentine.....	15									15		15 1 31
Wheat.....	63	914								63	914	977 22 81

SESSIONAL PAPER No. 20a

White lead	173	5					173	5	178	15 86
Whiting	14						14		14	1 23
Wool										
All other goods and merchandise not enumerated.	2,133	1,147					2,133	1,147	3,280	309 01
Bark	9						9		9	0 82
Barrels, empty.	31	27	3				34	27	61	4 89
Boat knees.										
Floats.	200						200		200	3 50
Firewood, in vessels.	4,671	1,548					4,671	1,548	6,219	126 17
" rafts.										
Hoops.										
Hop poles.										
Lumber, sawn, in vessels.	6,081	8,905	806	3,694			6,887	12,599	19,486	1,114 73
" rafts.	4	87					4	87	91	3 56
Masts, spars, and telegraph poles, in vessels.	2						2		2	0 06
" rafts.										
Railway ties, in vessels.	523						523		523	20 63
" rafts.										
Saw logs.										
Staves and headings, barrel.										
" pipe.										
" West India.										
Staves, salt barrel.										
Shingles.	270	29					270	34	304	67 93
Split posts and fence rails, in vessels.	10						10		10	0 77
" rafts.										
Timber, square, in vessels.										
" rafts.										
Traverses.	200						200		200	1 27
Woodenware and wood partly manufactured.	3						3		3	0 90
Total freight heretofore paying tolls, now free.	21,939	22,233	1,049	3,694			22,988	36,876	59,854	2,911 17

Total tolls on vessels.	2,006 60
" passengers.	671 66
Total tolls.	5,589 43
Wharfage.	8 40
Winterage.	161 00
Other receipts.	16 00
Total revenue, exclusive of hydraulic rents.	5,774 83

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

RICHARD DEVLIN,
Compiler of Canal Statistics.

6-7 EDWARD VII., A. 1907

APPENDIX A—Continued.

No. (A) 10.—GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter's Canal and the Amount of Revenue heretofore collected, now free, during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.												
Apples.	110								110		110	1 10
Agricultural products not enumerated, vegetables.	247								247		247	2 47
" " annual.	4								4		4	0 04
Agricultural implements.												
Barley.	11								11		11	0 11
Bricks.	2,221	5							2,221	5	2,226	22 26
Bones.		37								37	37	0 37
Brimstone.												
Buckwheat.												
Cement and water lime.	227	718							227	718	945	9 45
Clay, lime and sand.	107	130							107	130	237	2 37
Coal.	132	43,609							132	43,609	43,741	437 41
Corn.												
Cattle.	22								22		22	0 22
Cotton (raw).												
Crockery and earthenware.	13								13		13	0 13
Dry wood and dye stuffs.												
Fish.	322	2,010							322	2,010	2,332	23 32
Flax and hemp.												
Flour.	1,451								1,451		1,451	14 51
Furniture.	15								15		15	0 15
Gypsum.		280								280	280	2 80
Glass (all kinds).	10								10		10	0 10
Hay (pressed).	502								502		502	5 02
Hogs.	2	1							2	1	3	0 03
Horses.	5	1							5	1	6	0 06
Hides and skins, horns and hoofs.												
Ice.												
Iron, railway.	195								195		195	1 95
" plr.	1	23							1	23	24	0 24

SESSIONAL PAPER No. 20a

Iron, all other.	47	71	71	118	1 18
Iron ore.	15			15	0 15
Kryolite chemical ore and other ore, except iron.	1			1	0 01
Lard and lard oil.	399			399	3 99
Meal, all kinds.	116			116	1 16
Meats, other than pork.	29			29	19 07
Marble.	16			16	2 16
Manilla.	378			381	3 81
Molasses.	29			29	0 29
Nails.	2,493			2,498	24 98
Oats.	250			275	2 75
Oil (in barrels).					
Oil cake.	46			46	0 46
Pease.	6,609			6,914	69 14
Potatoes.	115			115	1 15
Pork.	6			6	0 06
Paint.	4			4	0 04
Pitch and tar.					
Rags.					
Rye.					
Flax seed.					
Rosin.					
Salt.	808			808	8 08
Stone intended for cutting.	2			2	0 02
" wrought.	34			34	0 34
" not suitable for cutting, unwrought.	138			3,359	33 59
Seeds, all kinds.	4			4	0 04
Sheep.	5			5	0 05
Soda ash.	10			10	0 10
Steel.	5			5	0 05
Sugar.	139			139	1 39
Spirits, beer, &c.	65			65	0 65
Tobacco (raw).	2			2	0 02
Tallow.					
Tin.	41			41	0 41
Turpentine.					
Wheat.					
White lead.					
Whiting.					
Wool.					
All other goods and merchandise not enumerated.	938			943	9 43
Bark.	75			75	0 75
Barrels, empty.	25			50	0 50
Boat knees.					
Floats.					
Fire wood, in vessels.					
" rafts.				306	3 06
Hoops.					
Hop poles.	3			3	0 03
Lumber, sawn, in vessels.	8,280			8,305	83 05

No. (A) 10. — GENERAL STATEMENT showing the Quantity of each Article transported on the St. Peter Canal, &c.—Continued.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Lumber, sawn, in rafts.		20								20	20	0 20
Masts, spars and telegraph poles, in vessels.												
" " rafts.												
Railway ties, in vessels.												
" in rafts.	95	200							95	200	295	2 95
Sawn logs.	10								10		10	0 10
Staves and headings, barrel.												
" " pipe.												
" " West India.												
Staves, salt barrel.	509	3							509	3	512	5 12
Shingles.	230	310							230	310	540	5 40
Split posts and fence rails, in vessels.												
" " rafts.	83	10							83	10	93	0 93
Timber, square, in vessels.												
" " rafts.												
Traverses.												
Woodenware and wood partly manufactured.												
Total freight heretofore paying tolls, now free.	27,951	53,126							27,951	53,126	81,077	810 77
Total tolls on vessels.												2,101 19
Other receipts.												2,911 96
Total receipts.												2,911 96

RICHARD DEVLIN,
Compiler of Canal Statistics.

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

No. (A) 11.—GENERAL STATEMENT showing the Quantity of each Article transported on the Trent Valley Canals and the Amount of Tolls heretofore collected, now free, during the Season of Navigation in 1905.

[illegible]

[illegible]

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 12.—(GENERAL STATEMENT showing the Quantity of each Article transported on the Murray Canal, and the Amount of Revenue heretofore collected, now free, during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.	453	375							453	375	828	15 73
Apples.	560	409							560	409	969	18 42
Agricultural products not enumerated, vegetables.	395	468							395	468	863	16 49
" " animal.												
Agricultural implements.												
Barley		633								633	633	11 87
Bricks	54								54		54	1 03
Bones												
Brimstone.												
Buckwheat.	21	17							21	17	38	0 74
Cement and water lime.	5								5		5	0 10
Clay, lime and sand.		215					2,300			2,515	2,515	47 18
Coal.											1	0 02
Corn.	1								1			
Cattle.												
Cotton (raw)	177	260							177	260	437	11 04
Crockery and earthenware												
Dye wood and dye stuffs.												
Fish.												
Flax and hemp.	100	80							100	80	180	3 38
Flour	472	566							472	566	1,038	26 30
Furniture												
Gypsum.	366	279							366	279	645	16 29
Glass (all kinds)												
Hay (pressed)												
Hogs.	5	4							5	4	9	0 18
Horses.	10								10		10	0 19
Hides and skins, horns and hoofs.												
Ice												
Iron, railway.	10	36							10	36	46	0 87

No. (A) 12. GENERAL STATEMENT showing the Quantity of each Articles transported on the Murray Canal, &c. Concluded.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Lumber, sawn, in vessels.....	59								59		59	6 58
" " rafts												
Masts, spars, and telegraph poles, in vessels.....												
" " rafts.....												
Railway ties, in vessels.....												
" " rafts												
Saw logs												
Staves and headings, barrel.....												
" " pipe.....												
" " West India												
Staves, salt barrel.....												
Shingles.....												
Split posts and fence rails, in vessels.....	1								1		1	0 05
" " rafts.....												
Timber, square, in vessels.....												
" " rafts.....												
Traverses.....												
Woodenware and wood partly manufactured.....												
Total freight heretofore paying tolls, now free..	11,801	10,904	1,416				2,300		16,217	13,201	29,421	626 68
Total tolls on vessels.....												272 77
" " passengers												306 44
* Damages.....												
Total revenue, exclusive of hydraulic rents												1,205 89

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A--Continued.

No. (A) 13.—GENERAL STATEMENT showing the Quantity of each Article transported on the Sault Ste. Marie Canal during the Season of Navigation in 1905.

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Ashes, pot and pearl.												\$ cts.
Apples.	830		660		334				1,824		1,824	
Agricultural products not enumerated, vegetables.	107					2,450			107	2,450	2,557	
" " animal.												
Agricultural implements	15								15		15	
Barley.		6,196						5,724		41,793	41,793	
Bricks.	473	82				29,873				82	555	
Bones.									473			
Brimstone.												
Buckwheat.												
Cement and water lime.	11,725		15,699		87				27,511		27,511	
Clay, lime and sand.	3	1,380							3	1,380	1,383	
Coal.	9,337	575		2,200	424,219	1,000	509,893		943,149	3,775	947,224	
Corn.						4,116				4,116	4,116	
Cattle.	26	2					3		29	2	31	
Cotton (raw).												
Crockery and earthenware.	445	95							445	95	540	
Dye wood and dye stuffs.	5								5		5	
Fish.	20	986		36		301		50	20	1,373	1,393	
Flax and hemp.												
Flour.		61,713				124,584		4,581		190,878	190,878	
Furniture.	280								280		280	
Gypsum.												
Glass (all kinds)	1,675											
Hay (pressed)	2,812						27		1,702		1,702	
Hogs.	1								2,812		2,812	
Horses.	35	7		1	1				1		1	
Hides and skins, horns and hoofs.		2				41			36	8	44	
Ice.										43	43	
Iron, railway.	1,049	26,766	180	13,062	1,613		10,440		13,282	39,828	53,110	

No. (A) 13. GENERAL STATEMENT showing the Quantity of each Article transported on the Sault Ste. Marie Canal - *Concluded.*

Articles.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
Iron, pig.	18,199				1,566	4,781			18,199	4,781	22,980	
" all other.	9,991	560		21				798				12,926
" ore.	5,439	74,601	2,000	99,941		2,623,607		1,680	111,969	2,910,118	2,919,237	
Copper ore.		32				10,974				11,006	11,006	
Kryolite or chemical ore.												
Lard and lard oil.	106								106		106	
Meals, all kinds.	1	773				3,050			1	3,823	3,824	
Meat, other than pork.	1								1		1	
Marble.												
Manilla.	1,160								1,160		1,160	
Molasses.	125								125		125	
Nails.	7,024	1							7,024	1	7,025	
Oats.	170	7,727				25,315			170	35,530	35,720	
Oil (in barrels).	1,253							246	1,499		1,499	
Oil cake.		40							504	544	544	
Pease.												
Potatoes.	23								23		23	
Pork.												
Paint.	268								268		268	
Pitch and tar.	10								10		10	
Rags.	20								20		20	
Rye.						1,910				1,910	1,910	
Flax seed.		656		4,583		46,679				53,882	53,882	
Rosin.												
Salt.	2,394				17,413			479	20,286		20,286	
Stone intended for cutting.												
" wrought.	5								5		5	
" not suitable for cutting, unwrought.	150				3,111			9,563	12,824		12,824	
Seeds, all kinds.	21								21		21	
Sheep.	1								1		1	
Soda ash.	18								18		18	
Steel.	60	1,698			93			27	180	1,698	1,878	
Sugar.	2,440				2,525				4,965		4,965	
Spirits, beer, &c.	1,472								1,472		1,472	

APPENDIX

No. (A) 14.—STATEMENT of Traffic on the undermentioned Canals, and the Amount

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 1.</i>		\$ cts.		\$ cts.		\$ cts.
Canadian vessels, steam.....	374,538	6,202 79	913,265	6,856 05	69,944	252 14
United States vessels, steam.....	567,776	8,834 07	320,529	2,421 71	27,068	274 33
Canadian vessels, sail.....	104,851	2,278 55	1,042,120	9,433 92	713	13 22
United States vessels, sail.....	54,330	1,133 64	92,287	1,169 41	281,387	3,884 84
Total, Class No. 1.....	1,101,495	18,449 05	2,368,201	19,881 09	379,112	4,424 53
<i>Class No. 2.</i>	No.		No.		No.	
Passengers.....	1,282	125 65	104,707	5,420 80	3,108	47 84
<i>Class No. 3.</i>	Tons.		Tons.		Tons.	
Bricks.....	525	79 50	17,201	829 76	2,519	277 21
Brimstone.....			1,176	115 51		
Buckwheat.....			719	70 57		
Cement and water lime.....	50	7 50	2,041	124 94	794	73 24
Clay, lime and sand.....	375	50 45	80,055	3,023 88	10,412	1,048 63
Fish.....	101	15 15	41	2 07		
Gypsum.....						
Iron, railway.....	2,651	474 70	591	29 00	902	87 08
" pig.....	1,310	245 50	3,572	283 62	1,176	117 60
" all other.....	9,602	1,567 55	33,271	2,776 76	155	5 33
Steel.....	948	144 60	2,552	336 74		
Salt.....	226	44 10	3,804	392 82	608	43 02
Stone, for cutting.....			1	0 06		
Apples.....			4,544	597 76	1,312	89 93
Barley.....	55,432	5,543 20	16,239	861 23		
Corn.....	180,921	18,092 10	76,464	2,363 46	2	0 20
Cotton (raw).....			2	0 30		
Flax and hemp.....						
Flour.....	38,512	7,702 40	11,554	641 34	584	19 74
Hay (pressed).....	206	40 00	7,313	343 86	17,431	885 37
Meals (all kinds).....	9,807	1,961 35	734	32 00	2	0 07
Oil cake.....	10,119	2,023 80	894	44 91		
Oats.....	36,072	3,607 20	23,511	1,068 19	1,891	63 19
Pease.....	76	7 60	691	68 70	11	0 37
Potatoes.....			138	12 51	7	0 24
Rye.....	1,711	171 10	1,682	42 05		
Flax seed.....	15,694	1,569 40				
Seeds (all kinds).....	43	4 30	3,633	142 12	30	1 03
Tobacco (raw).....	204	40 80	9	1 26		
Wheat.....	254,458	24,946 37	212,747	6,744 20		
All other agricultural products, vegetables.....			2,646	361 21		
Bones.....			8	0 94		
Cattle.....			535	37 22	145	5 06
Hogs.....			23	0 99		
Hides and skins, horns and hoofs.....	46	9 20	22	2 38		
Horses.....			1,260	66 77	17	0 65
Lard and lard oil.....	2,847	569 40	250	32 37	2	0 07
Meats (other than pork).....	102	19 65	116	16 56		
Pork.....	273	54 60	576	50 16	2	0 08
Sheep.....			81	3 51	81	2 88
Tallow.....	570	88 15	9	1 05		
Wool.....	21	4 10	1	0 04		
All other agricultural products, animal.....			5,379	623 28	579	56 73
Total, class No. 3.....	622,896	69,083 87	516,085	22,146 10	38,662	2,777 72

SESSIONAL PAPER No. 20a

A—Continued.

of Tolls heretofore collected, now free, during the Season of Navigation in 1905.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
214,627	225 23	138,059	882 51	149,342	1,273 92	27,890	557 81	95,477	469 18	1,656,964
9,733	31 43	88,380	1,274 25	1,633	36 95	75,906	1,520 12	17	1 25	3,442,809
2,411	9 25	14	0 25	29,462	574 94	1,067	21 34	27,241	107 05	146,324
2,066	6 86	31,444	736 95	6,122	120 79	96	1 92	.....	.....	291,540
228,837	272 77	257,897	2,893 96	186,559	2,006 60	104,959	2,101 19	122,735	577 48	5,537,637
No.		No.		No.		No.		No.		No.
25,204	306 44	21,284	260 70	24,394	671 66	.....	.....	27,419	203 93	26,147
Tons.		Tons.		Tons.		Tons.		Tons.		Tons.
54	1 03	.....	.....	692	23 89	2,226	22 26	42	0 42	555
.....	.....	.....	.....	.....	.....	.....	.....	1	0 01	.....
.....	.....	2	0 12	.....	.....	.....	.....	.....	.....	.....
38	0 74	1	0 06	529	13 92	945	9 45	33	0 33	27,511
5	0 10	14,080	603 35	4,371	102 13	237	2 37	.....	.....	1,383
.....	.....	11	0 66	3	0 07	2,332	23 32	.....	.....	1,393
.....	.....	.....	.....	.....	.....	280	2 80	.....	.....	.....
46	0 87	.....	.....	20	0 48	195	1 95	.....	.....	53,110
.....	.....	.....	.....	175	6 18	24	0 24	.....	.....	22,980
1,768	33 54	24	1 59	644	19 72	118	1 18	.....	.....	12,926
159	3 02	.....	.....	119	4 50	5	0 05	.....	.....	1,878
112	2 15	100	9 75	2,204	58 63	808	8 08	.....	.....	20,286
.....	.....	.....	.....	.....	.....	2	0 02	.....	.....	.....
828	15 73	340	19 87	259	8 05	110	1 10	.....	.....	1,824
633	11 87	.....	.....	105	2 47	11	0 11	13	0 13	41,793
1	0 02	1	0 06	4	0 12	.....	.....	.....	.....	4,116
.....
.....	.....	57	3 29	7	0 17	.....	.....	.....	.....	.....
180	3 38	107	9 01	647	18 79	1,451	14 51	25	0 25	190,878
.....	.....	4,433	413 23	663	17 13	502	5 02	.....	.....	2,812
45	0 87	.....	.....	3	0 09	399	3 99	18	0 18	3,824
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	544
27	0 51	1,016	92 72	508	21 41	2,498	24 98	15	0 15	35,720
.....	.....	.....	.....	.....	.....	46	0 46	126	1 26	.....
2	0 04	282	16 60	35	0 98	6,914	69 14	19	0 19	23
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,910
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	53,882
7	0 14	.....	.....	2	0 05	4	0 04	.....	.....	21
12	0 24	.....	.....	12	0 29	2	0 02	.....	.....	.....
.....
408	7 66	.....	.....	977	22 81	.....	.....	484	4 84	779,493
.....
969	18 42	4	0 28	47	1 26	247	2 47	.....	.....	2,557
.....	.....	7	0 50	.....	.....	37	0 37	.....	.....	.....
.....	.....	734	61 33	1	0 03	22	0 22	.....	.....	31
.....	.....	126	9 90	.....	.....	3	0 03	292	3 11	1
10	0 19	15	1 13	1	0 03	.....	.....	.....	.....	43
9	0 18	221	13 42	7	0 20	6	0 06	.....	.....	44
68	1 34	.....	.....	25	0 60	1	0 01	.....	.....	106
86	1 68	.....	.....	13	0 36	116	1 16	.....	.....	1
62	1 23	5	0 38	180	5 63	115	1 15	.....	.....	1
.....	.....	448	40 78	.....	.....	5	0 05	.....	.....	.....
.....	.....	8	0 80	.....	.....	.....	.....	.....	.....	.....
5	0 10	.....	.....	.....	.....	.....	.....	.....	.....	2,462
863	16 49	2,824	251 14	2,828	204 06	4	0 04	.....	.....	.....
6,397	121 54	24,846	1,549 97	15,081	534 05	19,665	196 65	1,068	10 87	1,264,108

6-7 EDWARD VII., A. 1907

APPENDIX

No. (A) 14.—STATEMENT of Traffic on the undermentioned Canals and the Amount

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Class No. 4.</i>		\$ cts.		\$ cts.		\$ cts.
Ashes, pot and pearl...			47	5 15		
Agricultural implements...	552	110 40	155	16 98	85	3 18
Crockery and earthenware...	202	34 95	540	106 60	277	24 25
Dry woods and dry stuffs...			20	3 50		
Furniture...	13	1 95	3,554	554 39	7	0 24
Glass (all kinds)...	323	49 70	3,248	646 51		
Marble...	568	85 20				
Manilla...	15	2 25	146	29 18	1	0 04
Molasses...	883	176 60	652	96 12	68	2 33
Nails...	3,284	495 85	5,822	1,144 33	104	3 63
Oil (in barrels)...	24,314	4,836 20	3,675	696 94	105	5 37
Paint...	269	42 45	2,070	401 60	1	0 04
Pitch and tar...	53	10 60	320	46 79	728	72 80
Rags...	4	0 80	371	46 70		
Rosin...			1,400	72 33	2,119	260 92
Soda ash...	82	15 65	948	183 10		
Sugar...	9,281	1,495 75	11,443	2,238 78	158	5 45
Stone (wrought)...			177	8 95		
Tin...	407	63 70	4,004	787 93		
Turpentine...	1	0 15	21	4 05		
White lead...	27	4 40	789	154 73		
Whiting...	70	10 50	609	121 03		
Whiskey and all other spirits...	1,464	256 55	2,234	405 86	37	1 27
Merchandise (not enumerated)...	45,645	6,975 22	63,359	9,825 52	4,930	342 33
Total, class No. 4....	87,457	14,668 87	105,604	1,597 07	8,620	721 85
<i>Class No. 5.</i>						
Bark...						
Barrels (empty)...	3	0 60	1,721	121 82	64	5 30
Boat knees...						
Floats...					333	11 10
Fire wood (in vessels)...	6,582	411 68	150,679	10,107 20	225,360	7,639 87
" (in rafts)...						
Lumber sawn (in vessels)...	93,543	16,830 16	59,985	2,396 10	78,126	4,146 20
" (in rafts)...						
Hoops...						
Railway ties (in vessels)...	2,248	359 45	4,431	386 48		
" (in rafts)...						
Masts, spars and telegraph poles (in vessels)...			390	29 00		
Masts, spars and telegraph poles (in rafts)...			10,967	274 50	32	1 07
Square timber (in vessels)...	10,760	1,614 00	93	1 80		
" (in rafts)...			11,591	302 33		
Woodenware and wood partly manufactured...	601	240 40	556	117 00		
Shingles...	62	20 13	11	1 83	211	22 34
Split posts and fence rails (in vessels)...	12	4 80			210	21 00
" " (in rafts)...						
Saw logs...	381	22 50	3,858	240 00		
Staves and headings (barrel)						
" " (pipe)...						
" " (West India)...						
" " (salt barrel)...						
Traverses...						
Hop poles...						
Total, class No. 5....	114,192	19,503 72	244,282	13,978 06	304,336	12,116 88

SESSIONAL PAPER No. 20a

A—Continued.

of Tolls heretofore collected, now free, during the Season of Navigation in 1905.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canal.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
				10	0 87					
		19	2 07	276	33 04					15
437	11 04	12	2 28	26	2 34	13	0 13			540
				5	0 44					5
1,038	26 30	79	10 12	88	8 21	15	0 15	1	0 03	280
645	16 29	46	8 74	112	12 41	10	0 10			1,702
						1,907	19 07			
				6	0 53	216	2 16			1,160
		5	0 95	118	10 32	381	3 81			125
657	16 57			453	46 59	29	0 29			7,025
1,689	42 34	28	5 14	421	37 81	275	2 75			1,499
1,164	29 32	3	0 57	109	11 00	6	0 06			268
		26	4 94	102	8 89	4	0 04			10
6	0 15	136	24 58	79	6 92					20
				7	0 61					
15	0 38					10	0 10			18
894	22 51			395	41 51	139	1 39			4,965
8	0 20	1	0 10	3	0 27	34	0 34			5
258	6 46	1	0 10	7	0 62	41	0 41			456
4	0 10			15	1 31					
299	7 56			178	15 86					93
59	1 31			14	1 23					160
851	21 55	51	5 27	506	44 94	65	0 65			1,472
8,116	202 62	2,753	487 10	3,280	309 01	943	9 43	104	3 12	202,357
16,133	404 70	3,160	551 96	6,210	594 83	4,088	40 88	105	3 15	222,175
				9	0 82	75	0 75	23	0 23	10
17	0 43	80	14 75	61	4 89	50	0 50			
		35,400	297 46	200	3 50			8,188	77 35	120
2,526	28 55	11,669	452 34	6,219	116 17	306	3 06	17,814	231 01	2,538
59	6 58	292,754	32,883 20	19,486	1,114 73	8,305	83 05	3,619	63 05	35,151
		46	0 81	91	3 56					217
		8	0 71							
		49	6 63	523	20 63			69	1 38	150
				2	0 06	20	0 20	200	4 00	20
		280	1 98			93	0 93			1,989
		3,035	34 03							1,181
				3	0 90					
		14	0 93	304	67 93	512	5 12	164	6 95	15,022
1	0 05			10	0 77	546	5 40			
						295	2 95	13,981	129 73	40,434
						10	0 10			
				200	1 27					
						3	0 03			
2,603	35 61	343,335	23,692 84	27,108	1,345 23	10,209	102 09	44,058	513 70	96,832

No. (A) 14.—STATEMENT of Traffic on the undermentioned Canals and tne Amount

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Special Class.</i>		\$ cts.		\$ cts.		\$ cts.
Coal.....	172,642	34,528 40	343,797	49,301 52	75,816	7,279 69
Kryolite or chemical ore			287	32 29	420	23 10
Copper ore.....						
Iron ore	22,381	1,119 05			17,682	892 35
Stone (unwrought, not suitable for cut- ting)			12,217	253 80	1,533	107 92
Ice						
Total, special class.....	195,023	35,647 45	356,301	49,587 61	95,451	8,303 06
Total freight and tolls	1,019,568	157,478 61	1,222,272	128,610 73	447,069	28,391 88
Timber and other wood, free.....	43,982	2,938 80	5,217	698 45		
Wheat, corn, flour, Iron, salt, coal &c., free.....	28,500	4,275 00	525,366	55,524 65		
Grand totals (passengers and ton- nage of vessels not included.)..	1,002,050	164,692 41	1,752,855	184,833 83	447,069	28,391 88

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

SESSIONAL PAPER No. 20a

of Tolls heretofore collected, now free, during the Season of Navigation 1905.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	
2,515	47 18	.....	.....	11,200	432 13	43,741	437 41	.....	.. ..	947,224
.....	.....	.....	.....	265	4 93	15	0 15	.....	.....	11,006
.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,919,237
1,773	17 65	.....	.....	.....	.....	3,359	33 59	.....	.....	12,824
.....
4,288	64 83	.....	.....	11,465	437 06	47,115	471 15	.....	.....	3,890,291
.....
29,421	1,205 89	371,341	28,949 43	59,864	5,889 43	81,077	2,911 96	45,231	1,309 13	5,473,406
.....	.....	19,430	171 48	.....	.....	.....	.....	.....	.....	.....
.....
29,421	1,205 89	390,771	29,120 91	59,864	5,889 43	81,077	2,911 96	45,231	1,309 13	5,473,406

RICHARD DEVLIN,
Compiler of Canal Statistics.

SUPPLEMENTARY

No. (A) 15.—SUMMARY STATEMENT of Traffic on the undermentioned Canals during the description of property passed through and

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.		\$ cts.
Vessels of all kinds.....	1,101,495	18,449 05	2,368,201	19,881 09	379,112	4,424 53
Passengers.....	No. 1,282	125 65	No. 104,707	5,420 80	No. 3,108	47 84
<i>Forest—Produce of Wood.</i>						
	Tons.		Tons.		Tons.	
Bark.....						
Boat knees.....						
Floats.....					333	11 10
Firewood.....	6,582	411 68	150,679	10,107 20	225,360	7,639 87
".....Free.	43,982					
Hoops and hop poles.....						
Lumber, sawed.....	93,543	16,830 16	59,985	2,396 10	78,126	4,416 20
".....Free.			3,957			
Masts, spars, &c.....			11,357	303 50	32	1 07
Railway ties.....	2,248	359 45	4,431	386 48		
Saw logs.....	381	22 50	3,858	240 00		
Staves, all kinds.....						
Shingles.....	62	20 13	11	1 83	211	22 34
Split posts and rails.....	12	4 80			210	21 00
Timber, square.....	10,760	1,614 00	11,684	304 13		
".....Free.			1,260			
Traverses.....						
Total.....	157,570	19,262 72	247,222	13,739 24	304,272	12,111 58
<i>Farm Stock.</i>						
Cattle.....			535	37 22	145	5 06
Hogs.....			23	0 99		
Horses.....			1,260	66 77	17	0 65
Sheep.....			81	3 51	81	2 88
Total.....			1,899	108 49	243	8 59
<i>Produce of Animals.</i>						
Bones.....			8	0 94		
Horns and hoofs, hides and skins (raw)	46	9 20	22	2 38		
Lard and lard oil.....	2,847	569 40	250	32 37	2	0 07
".....Free.			2,847			
Meats, other than pork.....	102	19 65	116	16 56		
".....Free.	28					
Pork.....	273	54 60	576	50 16	2	0 08
Tallow.....	570	88 15	9	1 05		
".....Free.			53			
Wool.....	21	4 20	1	0 04		
Agricultural products not enumerated (animal).....			5,379	623 28	579	56 73
Total.....	3,887	745 20	9,261	726 78	583	56 88

SESSIONAL PAPER No. 20a

APPENDIX A—*Continued.*

Season of Navigation ended December 31, 1905, showing the total quantity of each the amount of Tolls collected thereon.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	Free.
228,837	272 77	257,897	2,893 96	186,559	2,006 60	104,959	2,101 19	122,735	577 48	5,537,637
No. 25,204	306 44	No. 21,284	260 70	No. 24,394	671 66	No. .....	.....	No. 27,419	203 93	No. 26,147
Tons.		Tons.		Tons.		Tons.		Tons.		Tons.
.....		.....		9	0 82	75	0 75	23	0 23	10
.....		35,400	297 46	200	3 50	.....	.....	8,188	77 35	120
2,526	28 55	11,669	452 34	6,219	126 17	306	3 06	17,814	231 01	2,538
.....		8	0 71	.....		3	0 03	.....		.....
59	6 58	292,800	22,884 01	19,577	1,118 29	8,305	83 05	3,619	63 05	35,368
.....		.....		2	0 06	20	0 20	200	4 00	20
.....		49	6 63	523	20 63	.....	.....	69	1 38	150
.....		.....		.....		295	2 95	13,981	129 73	40,434
.....		.....		.....		10	0 10	.....		.....
.....		14	0 93	304	67 93	512	5 12	164	6 95	15,022
1	0 05	.....		10	0 77	540	5 40	.....		.....
.....		3,315	36 01	.....		93	0 93	.....		3,170
.....	
.....		.....		200	1 27	.....		.....		.....
2,586	35 18	343,255	23,678 09	27,044	1,339 44	19,159	101 59	44,058	513 70	96,832
.....	
.....		734	61 33	1	0 03	22	0 22	.....		31
.....		126	9 90	.....		3	0 03	292	3 11	1
9	0 18	221	13 42	7	0 20	6	0 06	.....		44
.....		418	40 78	.....		5	0 05	.....		1
9	0 18	1,529	125 43	8	0 23	36	0 36	292	3 11	77
.....	
.....		7	0 50	.....		37	0 37	.....		.....
10	0 19	15	1 13	1	0 03	.....		.....		43
68	1 34	.....		25	0 60	1	0 01	.....		106
86	1 68	.....		13	0 36	116	1 16	.....		1
62	1 23	5	0 38	180	5 63	115	1 15	.....		.....
.....		8	0 80	.....		.....		.....		.....
5	0 10	.....		.....		.....		.....		2,462
863	16 49	2,824	251 14	2,828	204 06	4	0 04	.....		.....
1,094	21 03	2,859	253 95	3,047	210 68	273	2 73	.....		2,612

SUPPLEMENTARY

No. (A) 15.—SUMMARY STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
<i>Agricultural Products.</i>						
		\$ cts.		\$ cts.		\$ cts.
Agricultural products not enumerated (vegetable)			2,646	361 21		
" " Free.	127					
Apples.			4,544	597 76	1,312	89 93
Barley	55,432	5,543 20	16,239	861 23		
" " Free.			43,607			
Buckwheat.			719	70 57		
Cotton, raw			2	0 30		
Corn.	180,921	18,092 10	76,464	2,363 46	2	0 20
" " Free.			84,631			
Flax and hemp						
Flour.	38,512	7,702 40	11,554	641 34	584	19 74
" " Free.	18		14,571			
Hay, pressed	200	40 00	7,313	343 86	17,431	885 37
Meals, all kinds	9,807	1,961 35	734	32 00	2	0 07
" " Free.			270			
Manilla	15	2 25	146	29 18	1	0 04
" " Free.	93					
Oats.	36,072	3,607 20	23,511	1,068 19	1,891	63 19
" " Free.			21,404			
Pease	76	7 60	691	68 70	11	0 37
Potatoes.			138	12 51	7	0 24
Rye	1,711	171 10	1,682	42 05		
" " Free.			1,711			
Seeds—flax, clover and grass.	15,737	1,573 70	3,633	142 12	30	1 03
" " Free.	35		15,694			
Tobacco, raw.	204	40 80	9	1 26	37	1 27
" " Free.			204			
Wheat	254,458	24,946 37	212,747	6,744 20		
" " Free.			190,505			
Total.	593,418	63,688 07	735,369	13,379 94	21,308	1,061 45
<i>Manufactures.</i>						
Ashes, pot and pearl.			47	5 15		
Agricultural implements.	552	116 40	155	16 98	85	3 18
Barrels, empty.	3	0 60	1,721	121 82	64	5 30
Bricks.	525	79 50	17,201	829 76	2,519	277 21
" " Free.	132					
Cement and water lime.	50	7 50	2,041	124 94	794	73 24
" " Free.	181					
Crockery and earthenware.	202	34 95	540	106 60	277	24 25
" " Free.	155		93			
Furniture.	13	1 95	3,554	554 39	7	0 24
" " Free.	2					
Glass of all kinds	323	49 70	3,248	646 51		
" " Free.	1,641		21			
Iron, railway.	2,651	474 70	591	29 00	902	87 08
" " Free.	126		10			
" pig.	1,310	245 50	3,570	283 62	1,176	117 60
" " Free.	312					
" all other.	9,602	1,567 55	33,272	2,776 76	155	5 33
" " Free.	3,633		384			
Molasses	883	176 60	652	96 12	68	2 33
" " Free.	1	1	820			
Nails.	3,234	495 85	5,822	1,144 33	104	3 63
" " Free.	3,061		64			
Oil.	24,314	4,836 20	3,675	696 94	105	5 37
" " Free.	120		20,700			

SESSIONAL PAPER No. 20a

APPENDIX A—Continued.

Canals and the amount of Tolls collected, &c.—Continued.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	Free.
969	18 42	4	0 28	47	1 26	247	2 47			2,557
828	15 73	340	19 87	259	8 05	110	1 10			1,824
633	11 87			105	2 47	11	0 11	13	0 13	41,793
		2	0 12							
1	0 02	1	0 06	4	0 12					4,116
		57	3 29	7	0 17					
180	3 38	107	9 01	647	18 79	1,451	14 51	25	0 25	190,878
		4,433	413 23	663	17 13	502	5 02			2,812
45	0 87			3	0 09	399	3 99	18	0 18	3,824
				6	0 53	216	2 16			1,160
27	0 51	1,016	92 72	508	21 41	2,498	24 98	15	0 15	35,720
						46	0 46	126	1 26	
2	0 04	282	16 60	35	0 98	6,914	69 14	19	0 19	23
										1,910
7	0 14			2	0 05	4	0 04			53,903
12	0 24			12	0 29	2	0 02			
408	7 66			977	22 81			484	4 84	779,493
3,112	58 88	6,242	555 18	3,275	94 15	12,400	124 00	700	7 00	1,120,013
•										
				10	0 87					
		19	2 07	276	33 04					15
17	0 43	80	14 75	61	4 89	50	0 50			
54	1 03			692	23 89	2,226	22 26	42	0 42	555
38	0 74	1	0 06	529	13 92	945	9 45	33	0 33	27,511
437	11 04	12	2 28	26	2 34	13	0 13			540
1,038	26 30	79	10 12	88	8 21	15	0 15	1	0 03	280
645	16 29	46	8 74	112	12 41	10	0 10			1,702
46	0 87			20	0 48	195	1 95			53,110
				175	6 18	24	0 24			22,980
1,768	33 54	24	1 59	644	19 72	118	1 18			12,926
		5	0 95	118	10 32	381	381			125
657	16 57			453	46 69	29	0 29			7,025
1,689	42 34	28	5 14	421	37 81	275	2 75			1,499

SUPPLEMENTARY APPENDIX

No (A) 15.—SUMMARY STATEMENT of Traffic on the undermentioned

Articles.	Welland Canal.		St. Lawrence Canals.		Chambly Canal.	
	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.
		\$ cts.		\$ cts.		\$ cts.
<i>Manufactures—Con.</i>						
Oil cake	10,119	2,023 80	894	44 91		
Paint.....Free.	269	42 45	9,229			
Pitch and tar.....Free.	367		2,070	401 60	1	0 04
Rosin.....Free.	53	10 60	320	46 79	728	72 80
Soda ash.....Free.	5		53			
Spirits, whiskey, &c....	82	15 65	1,400	72 33	2,119	260 92
Steel.....Free.	28		948	183 10		
Sugar.....Free.	1,464	256 55	59			
Tin.....Free.	384		2,234	405 86		
White lead.....Free.	948	144 60	635			
Turpentine.....Free.	192		2,552	336 74		
Whiting.....Free.	928		48			
Woodenware.....Free.	9,281	1,495 75	11,443	2,238 78	158	5 45
	1,168		2,019			
	407	63 70	4,004	787 93		
	928		53			
	27	4 40	789	154 73		
	80					
	1	0 15	21	4 05		
	70	10 50	609	121 03		
	158					
	601	240 40	556	117 00		
Total.....	79,708	12,389 55	138,118	12,347 77	9,262	943 97
<i>Merchandise.</i>						
Brimstone (crude).....			1,176	115 51		
Clay, lime and sand	375	50 45	80,055	3,023 88	10,412	1,048 63
Coal.....Free.	172,642	34,528 40	22			
Dye woods and dye stuffs.....Free.			343,797	49,301 52	75,816	7,279 69
Fish.....	101	15 15	110,803			
Gypsum.....			20	3 50		
Ores (all kinds).....Free.	22,381	1,119 05	41	2 07		
Marble.....	568	85 20	287	32 29	18,102	915 45
Rags.....Free.	4	0 80	3,837			
Salt.....Free.	15		371	46 70		
Stone (all kinds).....Free.	226	44 10	3,804	392 82	608	43 02
All other goods and merchandise (not enumerated).....Free.	150		168			
			12,395	262 81	1,533	107 92
	45,645	6,975 22	63,359	9,825 52	4,930	342 33
	15,360		851			
Total.....	257,467	42,818 37	620,986	63,006 62	111,401	9,737 04
Grand totals (passengers and tonnage of vessels not included)	1,092,050	157,478 61	1,752,855	128,610 73	447,069	28,391 88

SESSIONAL PAPER No. 20a

A—Continued.

Canals and the amount of Tolls collected, &c.—Concluded.

Murray Canal.		Ottawa Canals.		Rideau Canal.		St. Peter's Canal.		Trent Valley Canals.		Sault Ste. Marie Canal.
Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.	Tolls.	Tons.
	\$ cts.		\$ cts.		\$ cts.		\$ cts.		\$ cts.	Free.
										544
1,164	29 32	3	0 57	109	11 00	6	0 06			268
		26	4 94	102	8 89	4	0 04			10
				7	0 61					
15	0 38					10	0 10			18
851	21 55	51	5 27	506	44 94	65	0 65			1,472
159	3 02			119	4 50	5	0 05			1,878
894	22 51			395	41 51	139	1 39			4,965
258	6 46	1	0 10	7	0 62	41	0 41			456
299	7 56			178	15 85					93
4	0 10			15	1 31					
52	1 31			14	1 23					160
				3	0 90					
10,085	241 36	375	56 58	5,080	352 14	4,551	45 51	76	0 78	138,132
5	0 10	14,080	603 35	4,371	102 13	237	2 37	1	0 01	1,383
2,515	47 18			11,200	432 13	43,741	437 41			947,224
				5	0 44					5
		11	0 66	3	0 07	2,332	23 32			1,393
						280	2 80			
				265	4 93	15	0 15			2,930,243
						1,907	19 07			
6	15	136	24 58	79	6 92					20
112	2 15	100	9 75	2,204	58 63	808	8 08			20,286
1,781	17 85	1	0 10	3	27	3,395	33 95			12,829
8,116	202 62	2,753	487 10	3,280	309 01	943	9 43	104	3 12	202,357
12,535	270 05	17,081	1,125 54	21,410	914 53	53,658	536 58	105	3 13	4,115,740
29,421	1,205 89	371,341	28,949 43	59,864	5,589 43	81,077	2,911 96	45,231	1,309 13	5,473,406

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A.—Continued.

No. 16.—Statement showing the Amount of Tolls accrued each month during the Season of Navigation ended December 31, 1905.

Canals and Offices.	April.		May.		June.		July.		August.		September		October.		November.		December.		Total.
	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	\$	cts.	
WELLAND CANAL.																			
Chippawa.....			271	25	65	25													336 50
Colborne.....	1,814	51	15,822	46	16,756	87	16,393	09	16,534	88	16,404	60	20,458	69	12,922	32	3,638	90	120,746 32
Dalhousie.....	1,464	47	5,172	49	5,115	54	4,637	99	5,771	59	4,395	28	4,875	59	4,236	67	621	61	36,291 23
Dunnville.....	1	08	60	25	12	19	*												73 52
St. Catharines.....			0	75	30	29	*												31 04
Total, Welland Canal.....	3,280	06	21,327	20	21,980	14	21,031	08	22,306	47	20,799	88	25,334	28	17,158	99	4,260	51	157,478 61
ST. LAWRENCE CANALS.																			
Soulanges.....			1,281	32	1,252,	18	1,018	18	1,246	64	1,472	99	1,812	13	1,595	83			9,679 27
Cardinal.....			155	83	152	83	449	27	291	31	186	14	177	40	180	89	70	17	1,663 84
Cornwall.....			7,226	62	8,734	80	8,255	29	7,374	90	6,831	63	6,850	32	4,646	80	3	57	49,923 93
Kingston.....	802	40	1,707	15	1,925	39	1,196	05	906	87	1,017	85	1,869	80	1,940	33			11,395 84
Lachine.....			501	34	581	07	1,544	77	1,160	09	937	76	670	13	389	11			5,781 27
Montreal.....			5,411	75	7,013	06	8,888	16	9,479	81	7,987	00	6,337	63	5,031	30	14	87	50,163 58
Total, St. Lawrence Canals.....	802	40	16,284	01	19,659	33	21,351	72	20,459	62	18,463	37	17,717	41	13,781	26	88	61	128,610 73
CHAMBLY CANAL.																			
Chambly.....			527	64	2,003	40	2,958	64	2,431	41	2,421	86	2,674	22	1,539	19			14,556 36
St. John's.....	13	27	89	48	1,325	21	1,556	81	1,838	60	1,459	78	2,533	01	410	40			9,226 56
St. Ours.....			3,843	27	59	77	116	96	124	09	172	02	198	34	94	51			4,608 96
Total, Chambly Canal.....	13	27	4,460	39	3,388	38	4,632	41	4,394	10	4,053	66	5,405	57	2,044	10			28,391 88
OTTAWA CANALS.																			
Ottawa.....	640	28	2,756	81	3,107	33	2,392	81	1,732	54	2,150	74	2,265	62	1,061	89			16,108 02
Carillon.....			9	41	20	61	13	98	6	87	5	29	1	33	0	90			58 39
Grenville.....			1,752	48	1,163	20	1,411	65	1,629	95	1,802	69	1,714	77	1,654	88			11,129 62
St. Anne's.....	0	80	176	73	299	21	311	83	311	96	239	52	191	88	121	47			1,653 40
Total, Ottawa Canals.....	641	08	4,695	43	4,590	35	4,130	27	3,681	32	4,198	24	4,173	60	2,839	14			28,949 43

6-7 EDWARD VII., A. 1907

No. (A) 17.—SUMMARY STATEMENT showing the Number, Tonnage and Nationality of
31st, 1905, and the amount of

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.	
		Up.	Down.	Up.	Down.
WELLAND CANAL.					
Canadian vessels, steam.....	519	128,964	138,373	52,130	2,253
“ sail.....	249	23,878	19,352	26,128	2,113
Total, Canadian.....	768	152,842	157,725	78,258	4,366
United States vessels, steam.....	657	342	36	64,968	18,681
“ sail.....	170	607	.....	7,951	8,460
Total, United States.....	827	949	36	72,919	27,141
Grand total, Welland Canal.....	1,595	153,791	157,761	151,177	31,507
ST. LAWRENCE CANALS.					
Canadian vessels, steam.....	3,702	447,477	381,342	40,023	17
“ sail.....	4,082	499,276	426,994	56,949	570
Total, Canadian.....	7,784	946,753	808,336	96,972	587
United States vessels, steam.....	814	3,497	635	129,522	939
“ sail.....	398	3,804	5,379	25,915	.....
Total, United States.....	1,212	7,301	6,014	155,437	939
Grand total, St. Lawrence Canals.....	9,996	954,054	814,350	252,409	1,526
CHAMBLY CANAL.					
Canadian vessels, steam.....	350	31,372	38,415	1	.....
“ sail.....	369	6,215	10,436	4,440	.....
Total, Canadian.....	719	37,587	48,851	4,441	.....
United States vessels, steam.....	43	.....	8	401	.....
“ sail.....	2,581	345	1,963	124,683	.....
Total, United States.....	2,624	345	1,971	125,084	.....
Grand total, Chambly Canal.....	3,343	37,932	50,822	129,525	.....
OTTAWA CANALS.					
Canadian vessels, steam.....	1,027	41,924	96,135	.....	.....
“ sail.....	807	3,523	80,655	.....	4,202
Total, Canadian.....	1,834	45,447	176,790	.....	4,202
United States vessels, steam.....	1	14	.....	.....	.....
“ sail.....	317	3,851	4,947	289	22,357
Total, United States.....	318	3,865	4,947	289	22,357
Grand total, Ottawa Canals.....	2,152	49,312	181,737	289	26,559
RIDEAU CANAL.					
Canadian vessels, steam.....	2,890	70,364	70,127	3,625	.....
“ sail.....	1,484	14,604	13,986	218	.....
Total, Canadian.....	4,374	84,968	84,113	3,843	.....

SESSIONAL PAPER No. 20a

Vessels passed through all the Canals during the Season of Navigation ended December
Tolls heretofore collected now free.

From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
Up.	Down.	Up.	Down.	Up.	Down.		
							\$ cts.
165	158	2,287	50,208	183,546	190,992	374,538	6,202 79
.....	.....	2,379	31,001	52,385	52,466	104,851	2,278 55
165	158	4,666	81,209	235,931	243,458	479,389	8,481 34
198,763	168,915	16,260	99,811	280,333	287,443	567,776	8,834 07
6,490	6,780	6,867	17,175	21,915	32,415	54,330	1,133 64
205,253	175,695	23,127	116,986	302,248	319,858	622,106	9,967 71
205,418	175,853	27,793	198,195	538,179	563,316	1,101,495	18,449 05
.....	.....	.....	44,406	487,500	425,765	913,265	6,856 05
.....	541	.....	57,790	556,225	485,895	1,042,120	9,433 92
.....	541	.....	102,196	1,043,725	911,660	1,955,385	16,289 97
22,264	20,818	783	142,071	156,066	164,463	320,529	2,421 71
35	5,385	16,773	34,996	46,527	45,760	92,287	1,169 41
22,299	26,203	17,556	177,067	202,593	210,223	412,816	3,591 12
22,299	26,744	17,556	279,263	1,246,318	1,121,883	2,368,201	19,881 09
.....	.....	.....	156	31,373	38,571	69,944	252 14
.....	.....	.....	5,977	10,655	16,413	27,068	274 33
.....	.....	.....	6,133	42,028	54,984	97,012	526 47
.....	.....	.....	304	401	312	713	13 22
.....	122	.....	154,274	125,028	156,359	281,387	3,884 84
.....	122	.....	154,578	125,429	156,671	282,100	3,898 06
.....	122	.....	160,711	167,457	211,655	379,112	4,424 53
.....	.....	.....	.....	41,924	96,135	138,059	882 51
.....	.....	.....	.....	3,523	84,857	88,380	1,274 25
.....	.....	.....	.....	45,447	180,992	226,439	2,156 76
.....	.....	.....	.....	14	.....	14	25
.....	.....	.....	.....	4,140	27,304	31,444	736 95
.....	.....	.....	.....	4,154	27,304	31,458	737 20
.....	.....	.....	.....	49,601	208,296	257,897	2,893 96
.....	.....	.....	5,226	73,989	75,353	149,342	1,273 92
.....	.....	.....	654	14,822	14,640	29,462	574 94
.....	.....	.....	5,880	88,811	89,993	178,804	1,848 86

6-7 EDWARD VII., A. 1907

No. (A) 17.—SUMMARY STATEMENT showing the Number, Tonnage and Nationality of
31st, 1905, and the amount of

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to Untied States Ports.	
		Up.	Down.	Up.	Down.
RIDEAU CANAL— <i>Con.</i>					
United States vessels, steam.	141	290	261	426	.....
“ sail.	200	1,512	1,839	649	980
Total, United States.....	341	1,802	2,100	1,075	980
Grand total, Rideau Canal	4,715	86,770	86,213	4,918	980
ST. PETER'S CANAL.					
Canadian vessels, steam.....	241	13,348	14,542	.....	.....
“ sail.	1,345	38,047	37,859	.....	.....
Total, Canadian.....	1,586	51,395	52,401	.....	.....
United States vessels, steam.	8	543	368	156	.....
“ sail.	1	.....	96	.....	.....
Total, United States.....	9	543	464	156	.....
Grand total, St. Peter's Canal	1,595	51,938	52,865	156	.....
TRENT VALLEY CANALS.					
Canadian vessels, steam.....	1,582	48,209	47,268	.....	.....
“ sail.	459	14,718	12,523	.....	.....
Total, Canadian.....	2,041	62,927	59,791	.....	.....
United States vessels, steam.	5	6	11	.....	.....
“ sail. ....	.....	.....	.....	.....	.....
Total, United States.....	5	6	11	.....	.....
Grand total, Trent Valley Canals.....	2,046	62,933	59,802	.....	.....
MURRAY CANAL.					
Canadian vessels, steam.....	537	76,459	72,893	33,757	.....
“ sail.	113	3,366	2,090	3,417	.....
Total, Canadian.....	650	79,825	74,983	37,174	.....
United States vessels, steam.	37	.....	235	920	.....
“ sail.	20	47	6	1,135	.....
Total, United States.....	57	47	241	2,055	.....
Grand total, Murray Canal	707	79,872	75,224	39,229	.....
SAULT STE. MARIE CANAL.					
Canadian vessels, steam.....	3,460	571,648	532,821	87,405	147,481
“ sail.	510	25,705	35,955	4,680	31,502
Total, Canadian.....	3,970	597,353	568,776	92,085	178,983
United States vessels, steam.	1,528	3,478	2,780	6,687	24,317
“ sail.	164	1,407	880	1,283	6,142
Total, United States.....	1,692	4,885	3,660	7,970	30,459
Grand total, Sault Ste. Marie Canal	5,662	602,238	572,436	100,055	209,442

SESSIONAL PAPER No. 20a

Vessels passed through all the Canals during the Season of Navigation ended December
Tolls heretofore collected now free.

From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
Up.	Down.	Up.	Down.	Up.	Down.		
							\$ cts.
			656	716	917	1,633	36 95
.....	.....	.....	1,142	2,161	3,961	6,122	120 79
.....	.....	.....	1,798	2,877	4,878	7,755	157 74
.....	.....	.....	7,678	91,688	94,871	186,559	2,006 60
.....					
.....	.....	.....		13,348	14,542	27,890	557 81
.....	.....	.....		38,047	37,859	75,906	1,520 12
.....	.....	.....		51,395	52,401	103,796	2,077 93
.....	.....	.....		699	368	1,067	21 34
.....	.....	.....			96	96	1 92
.....	.....	.....		699	464	1,163	23 26
.....	.....	.....		52,094	52,865	104,959	2,101, 19
.....					
.....	.....	.....		48,209	47,268	95,477	469 18
.....	.....	.....		14,718	12,523	27,241	107 05
.....	.....	.....		62,927	59,791	122,718	576 23
.....	.....	.....		6	11	17	1 25
.....					
.....	.....	.....		6	11	17	1 25
.....	.....	.....		62,933	59,802	122,735	577 48
.....					
.....	.....	.....	31,518	110,216	104,411	214,627	221 98
.....	4	.....	856	6,783	2,950	9,733	31 43
.....	4	.....	32,374	116,999	107,361	224,360	253 41
883	131	.....	242	1,803	608	2,411	9 25
.....	120	.....	758	1,182	884	2,066	6 86
883	251	.....	1,000	2,985	1,492	4,477	16 11
883	255	.....	33,374	119,984	108,853	228,837	269 52
.....					
8,375	2,488	216,073	90,673	883,501	773,463	1,656,964	.....
3,280	.....	41,662	3,540	75,327	70,997	146,324	.....
11,655	2,488	257,735	94,213	958,828	844,460	1,803,288	.....
1,953,206	1,397,653	50,408	4,280	2,013,779	1,429,030	3,442,809	.....
168,853	101,780	10,445	750	181,988	109,552	291,540	.....
2,122,059	1,499,433	60,853	5,030	2,195,767	1,538,582	3,734,349	.....
2,133,714	1,501,921	318,588	99,243	3,154,595	2,383,042	5,537,637	.....

6-7 EDWARD VII., A. 1907

No. (A) 17.—SUMMARY STATEMENT showing the Number,

RECAPITU

Vessels.	Total Number.	From Canadian to Canadian Ports.		From Canadian to United States Ports.	
		Up.	Down.	Up.	Down.
CANADIAN VESSELS.					
Steam and Sail.					
Welland	768	152,842	157,725	78,258	4,366
St. Lawrence.	7,784	946,753	808,336	96,972	587
Chambly.....	719	37,587	48,851	4,441	.....
Ottawa.....	1,834	45,447	176,790	.....	4,202
Rideau.....	4,374	84,968	84,113	3,843	.....
St. Peter's.....	1,586	51,395	52,401	.....	.....
Trent Valley.....	2,041	62,927	59,791	.....	.....
Murray.....	650	79,825	74,983	37,174	.....
Sault Ste. Marie.....	3,970	597,353	568,776	92,085	178,983
Total, Canadian.....	23,726	2,059,097	2,031,766	312,773	188,138
UNITED STATES VESSELS.					
Welland.....	827	949	36	72,919	27,141
St. Lawrence.	1,212	7,301	6,014	155,437	939
Chambly.....	2,624	345	1,971	125,084	.....
Ottawa.....	318	3,865	4,947	289	22,357
Rideau.....	341	1,802	2,100	1,075	980
St. Peter's.....	9	543	464	156	.....
Trent Valley.....	5	6	11	.....	.....
Murray.....	57	47	241	2,055	.....
Sault Ste. Marie.....	1,692	4,885	3,660	7,970	30,459
Total, United States.....	7,085	19,743	19,444	364,985	81,876
Grand total, Canadian and United States.....	30,811	2,078 840	2,051,210	677,758	270,014

DEPARTMENT OF RAILWAYS AND CANALS.
OTTAWA, June 15, 1906.

SESSIONAL PAPER No. 20a

Tonnage and Nationality of Vessels, &c.—*Concluded.*

LATION.

From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
Up.	Down.	Up.	Down.	Up.	Down.		
							\$ cts.
165	158	4,666	81,209	235,931	243,458	479,389	8,481 34
	541		102,196	1,043,725	911,660	1,955,385	16,289 97
			6,133	42,028	54,984	97,012	526 47
				45,447	180,992	226,439	2,156 76
			5,880	88,811	89,993	178,804	1,848 86
				51,395	52,401	103,796	2,077 93
				62,927	59,791	122,718	576 23
	4		32,374	116,999	107,361	224,360	253 41
11,655	2,488	257,735	94,213	958,828	844,460	1,803,288	
11,820	3,191	262,401	322,005	2,646,091	2,545,100	5,191,191	32,210 97
205,253	175,695	23,127	116,986	302,248	319,858	622,106	9,967 71
22,299	26,203	17,556	177,067	202,593	210,223	412,816	3,591 12
	122		154,578	125,429	156,671	282,100	3,898 06
				4,154	27,304	31,458	737 20
			1,798	2,877	4,878	7,755	157 74
				699	464	1,163	23 26
				6	11	17	1 25
883	251		1,000	2,985	1,492	4,477	16 11
2,122,059	1,499,433	60,853	5,030	2,195,767	1,538,582	3,734,349	
2,350,494	1,701,704	101,536	456,459	2,836,758	2,259,483	5,096,241	18,392 45
2,362,314	1,704,895	363,937	778,464	5,482,849	4,804,583	10,287,432	40,603 42

RICHARD DEVLIN,
Compiler of Canal Statistics.

APPENDIX A—Continued.

No. (A) 18—COMPARATIVE STATEMENT of Grand Total Freight passed through the undermentioned Canals during the Seasons of Navigation 1904 and 1905, and the Amount of Tolls heretofore collected, now free, on the same, including Tolls on Vessels and Passengers.

Canals.	From Canadian to Canadian Ports.		From Canadian to United States Ports.		From United States to United States Ports.		From United States to Canadian Ports.		Tons.		Total Tons.	Amount of Tolls.
	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.	Up.	Down.		
1904.												
Welland.....	45,056	197,135	49,297	56,785	87,144	165,337	3,711	206,906	185,208	626,163	811,371	117,562 01
St. Lawrence....	293,359	602,675	121,910	.....	1,578	2,162	14,699	390,933	431,546	995,770	1,427,316	111,726 25
Chambly.....	5,463	11,890	319,652	.....	.....	.....	.....	111,282	325,015	123,172	448,187	27,451 87
Ottawa.....	562	309,144	.....	26,287	.....	.....	.....	.....	562	335,431	335,993	22,241 72
Rideau.....	20,981	19,968	839	4,251	.....	.....	.....	9,081	21,820	33,300	55,120	4,801 98
St. Peter's.....	22,851	50,115	.....	.....	.....	.....	450	.....	23,301	50,115	73,416	2,745 75
Trent Valley....	32,185	13,504	.....	.....	.....	.....	.....	.....	32,185	13,504	45,689	1,333 15
Murray.....	13,278	9,807	3,662	.....	.....	.....	.....	1,692	16,940	11,499	28,439	1,097 82
Sault Ste. Marie	173,002	833,261	16,627	189,255	611,062	2,611,404	461,935	131,159	1,265,626	3,765,079	5,030,705	No Tolls.
Grand total..	606,737	2,047,499	511,887	276,578	699,784	2,778,903	483,795	851,053	2,302,203	5,954,033	8,256,236	288,966 55
1905.												
Welland.....	50,321	257,434	54,169	62,510	112,549	190,547	15,020	349,500	232,059	859,991	1,092,050	157,478 61
St. Lawrence....	329,363	751,571	148,493	2,144	308	1,796	.....	511,172	486,172	1,266,683	1,752,855	128,610 73
Chambly.....	5,665	14,787	312,017	.....	.....	.....	.....	114,597	317,682	129,387	447,069	28,391 88
Ottawa.....	263	316,030	.....	74,478	.....	.....	.....	.....	263	390,508	390,771	28,949 43
Rideau.....	21,939	22,233	1,049	3,694	.....	.....	.....	10,949	22,988	36,876	59,864	5,589 43
St. Peter's.....	27,951	53,126	.....	.....	.....	.....	.....	.....	27,951	53,126	81,077	2,911 96
Trent Valley....	27,618	17,613	.....	.....	.....	.....	.....	.....	27,618	17,613	45,231	1,309 13
Murray.....	14,801	10,904	1,416	.....	.....	.....	.....	2,300	16,217	13,204	29,421	1,205 89
Sault Ste. Marie	259,055	808,816	32,221	201,263	494,371	2,991,552	534,500	148,628	1,320,147	4,153,259	5,473,406	No Tolls.
Grand total..	736,976	2,252,514	549,365	347,089	607,228	3,183,895	557,528	1,137,146	2,451,097	6,920,647	9,371,744	354,447 06

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

RICHARD DEVLIN,
Compiler of Canal Statistics.

SESSIONAL PAPER No. 20a

APPENDIX A—Continued.

No. 19.—COMPARATIVE STATEMENT of the Traffic of all the Canals for the Years ending December 31, 1904 and 1905.

Articles.	1904.	1905.	Increase.	Decrease.
<i>Class No. 1.</i>	Tons.	Tons.	Tons.	Tons.
Canadian Vessels, steam.....	3,392,010	3,640,106	248,096	.....
United States Vessels, steam.....	3,216,234	4,533,851	1,317,617	.....
Canadian vessels, sail.....	1,191,714	1,354,203	162,489	.....
United States vessels, sail.....	628,047	759,272	131,225	.....
Total, class No. 1.....	8,428,005	10,287,432	1,859,427	.....
<i>Class No. 2.</i>	No.	No.	No.	No.
Passengers.....	219,137	233,545	14,408	.....
<i>Class No. 3.</i>	Tons.	Tons.	Tons.	Tons.
Bricks.....	9,097	23,814	14,717	.....
Brimstone.....	1,525	1,177	.....	348
Cement and water lime.....	25,539	31,942	6,403	.....
Clay, lime and sand.....	88,262	110,918	22,656	.....
Fish.....	3,336	3,881	545	.....
Gypsum.....	651	280	.....	371
Iron (railway).....	40,461	57,515	17,054	.....
“ (pig).....	30,785	29,237	.....	1,548
“ (all other).....	51,875	58,508	6,633	.....
Steel.....	4,300	5,661	1,361	.....
Salt.....	20,258	28,148	7,890	.....
Stone, for cutting.....	586	3	.....	583
Apples.....	11,865	9,217	.....	2,648
Barley.....	75,538	114,226	39,688	.....
Buckwheat.....	689	721	32	.....
Corn.....	189,739	261,509	71,770	.....
Cotton (raw).....	.....	2	2	.....
Flax and hemp.....	673	64	.....	609
Flour.....	260,630	243,938	.....	16,692
Hay (pressed).....	32,576	33,354	778	.....
Meals (all kinds).....	24,174	14,832	.....	9,342
Oil cake.....	10,037	11,557	520	.....
Oats.....	72,723	101,258	28,535	.....
Pease.....	2,051	950	.....	1,101
Potatoes.....	5,351	7,420	2,069	.....
Rye.....	1,481	5,303	3,822	.....
Flax seed.....	46,591	69,576	22,985	.....
Seeds (all kinds).....	5,477	3,740	.....	1,737
Tobacco (raw).....	85	239	154	.....
Wheat.....	1,202,716	1,248,567	45,851	.....
All other agricultural products, vegetable.....	2,688	6,470	3,782	.....
Bones.....	20	52	32	.....
Cattle.....	1,766	1,468	.....	298
Hogs.....	299	445	146	.....
Hides and skins, horns and hoofs.....	134	137	3	.....
Horses.....	1,605	1,564	.....	41
Lard and lard oil.....	591	3,299	2,708	.....
Meats (other than pork).....	175	434	259	.....
Pork.....	1,337	1,213	.....	124
Sheep.....	605	616	11	.....
Tallow.....	130	587	457	.....
Wool.....	1,646	2,489	843	.....
All other agricultural products, animal.....	11,734	12,477	743	.....
Total, class No. 3.....	2,241,801	2,508,808	302,449	35,442
<i>Class No. 4.</i>				
Ashes, pot and pearl.....	63	57	.....	6
Agricultural implements.....	973	1,102	129	.....
Crockery and earthenware.....	1,336	2,047	711	.....
Dye wools and dye stuffs.....	114	30	.....	84
Furniture.....	2,720	5,075	2,355	.....
Glass (all kinds).....	4,647	6,086	1,439	.....
Marble.....	22	2,475	2,453	.....
Manilla.....	659	1,544	885	.....
Molasses.....	1,542	2,232	690	.....
Nails.....	9,412	17,374	7,962	.....
Oil (in barrels).....	22,288	32,006	9,718	.....
Paint.....	3,112	3,890	778	.....
Pitch and tar.....	1,455	1,243	.....	212

6-7 EDWARD VII., A. 1907

No. 19.—COMPARATIVE STATEMENT of the Traffic of all the Canals for the Years ending December 31, 1904 and 1905.—*Conctnded.*

Articles.	1904.	1906.	Increase.	Decrease.
	Tons.	Tons.	Tons.	Tons.
<i>Class No. 4—Concluded.</i>				
Rags.	737	616	.....	121
Rosin.	3,827	3,526	.....	301
Soda ash.	1,872	1,073	.....	799
Sugar.	9,203	27,275	18,072	.....
Stone (wrought).	680	228	.....	452
Tin.	1,818	5,174	3,356	.....
Turpentine.	34	41	7	.....
White lead.	859	1,386	527	.....
Whiting.	940	905	.....	35
Whiskey and all other spirits.	5,396	6,680	1,284	.....
Merchandise (not enumerated).	240,547	331,487	80,940	.....
Total, class No. 4.	314,256	453,552	141,306	2,010
<i>Class No. 5.</i>				
Bark.	75	117	42	.....
Barrels (empty).	957	1,996	1,039	.....
Floats.	47,427	44,241	.....	3,186
Fire wood (in vessels).	440,254	423,693	.....	16,561
“ (in rafts).	28,929	.....	.....	28,929
Lumber sawn (in vessels).	476,436	591,028	114,592	.....
“ (in rafts).	451	354	.....	97
Hoops.	2	8	6	.....
Railway ties (in vessels).	3,798	7,470	3,672	.....
“ (in rafts).	195	.....	.....	195
Masts, spars and telegraph poles (in vessels). .	4,693	632	.....	4,061
“ (in rafts).	20,313	10,999	.....	9,314
Square timber (in vessels)	43,557	13,215	.....	30,342
“ (in rafts).	13,025	15,807	2,782	.....
Woodenware and wood partly manufactured.	508	1,160	652	.....
Shingles.	10,770	16,300	5,530	.....
Split posts and fence rails.	1,697	773	.....	924
“ (in rafts).	1	.....	.....	1
Saw logs.	26,630	58,949	32,319	.....
Staves and headings (barrel).	699	10	.....	689
“ (sale barrels).	727	.....	.....	727
Traverses.	260	200	.....	60
Hop poles.	232	3	.....	229
Total, class No. 5.	1,121,636	1,186,955	160,634	95,315
<i>Special Class.</i>				
Coal.	1,570,113	1,596,935	26,822	.....
Kyrolite or ehemical ore.	974	987	13	.....
Iron ore.	2,482,181	2,959,300	477,119	.....
Copper ore.	9,852	11,006	1,154	.....
Stone (unwrought not suitable for cutting) .	22,921	31,706	8,785	.....
Ice.	80	.....	.....	80
Total, special class.	4,086,121	4,599,934	513,893	80
Total freight.	7,763,814	8,749,249	985,435	.....
Timber and other wood, free.	64,808	68,629	3,821	.....
Wheat, corn, flour, iron, salt, coal, &c., free. .	427,614	553,866	126,252	.....
Grand totals (passengers and tonnage of vessels not included). .	8,256,236	9,371,744	1,115,508	.....
Total, increase and decrease. ....	.....	.....	1,248,355	132,847
Freight, grand total, increase. ....	.....	.....	1,115,508	.....

APPENDIX A—Continued.

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels passed through the Canals during the Season of Navigation in 1905.

WELLAND CANAL.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Num-ber.	Total Tonnage.	Num-ber.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	23	184	14	112	13	104	5	40
10	6	60	4	40	4	40	2	20
15	6	90	1	15	4	60	2	30
20	7	140	2	40	2	40		
25	3	75			1	25		
30	7	210	1	30	1	30		
35	6	210			3	105		
40	2	80	2	80	1	40	1	40
45								
50	1	50	9	450	2	100	6	300
55	1	55			2	110		
60	3	180			1	60		
65					1	65		
70	2	140						
75			1	75			1	75
80			1	80			1	80
85	1	85						
90								
95	2	190			1	95		
100	1	100	2	200	1	100		
110	3	300	1	110	3	330		
130	1	130			1	130	1	130
150	2	300	2	300	1	150	3	450
160	1	160						
165	1	165	2	330			2	330
175					2	350	4	700
190	1	190						
195			1	195				
220	2	440	1	220	2	440		
230	1	230	1	230			1	230
260	3	780	1	260	3	780	1	260
265					1	265		
285	1	285			2	570	1	285
295	1	295	1	295				
305	4	1,220	1	305	1	305	1	305
310	1	310	1	310			1	310
315			1	315			2	630
320	1	320	1	320	1	320		
330			1	330				
360	3	1,080	3	1,080	3	1,080	1	360
400	2	800						
415	2	830	2	830				
455	2	910						
460	1	460	1	460				
485	4	1,940	1	485	2	970	1	485
495	2	990						
500	1	500					1	500
520					1	520		
530	1	530			2	1,060		
555	2	1,110						
560	1	560			1	560		
575			1	575				
585							1	585
595			1	595				
600	1	600						
615					2	1,230	1	615
645			1	645				
660					2	1,320		

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels, &c.—
Continued.

WELLAND CANAL—Concluded.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Num-ber.	Total Tonnage.	Num-ber.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
675					1	675		
690	1	690			1	690		
719	1	719					1	719
739							1	739
742	2	1,484						
759	1	759	1	759				
771	1	771						
802	2	1,604	1	802	1	802		
870	1	870			1	870	1	870
882			1	882	1	882	1	882
908			1	908	1	908	1	908
929	1	929			2	1,858		
940					2	1,880		
959			1	959	1	959		
977	2	1,954			4	3,908		
989	1	989			1	989		
994	1	994			2	1,968		
1,023	2	2,046						
1,029					1	1,029		
1,035	2	2,070			1	1,035	1	1,035
1,041	1	1,041	1	1,041	1	1,041		
1,054					1	1,054		
1,078	1	1,078			2	2,156	2	2,156
1,118	1	1,118			1	1,118	1	1,118
1,160	2	2,320			2	2,320	2	2,320
1,172	2	2,344					1	1,172
1,202	1	1,202					1	1,202
1,203	2	2,406			1	1,203		
1,330	1	1,330			2	2,660		
1,425	1	1,425			1	1,425		
1,441					1	1,441		
1,447					1	1,447		
1,550	1	1,550			2	3,100		
1,553	11	1,553			2	3,106		
1,553	1	1,553			2	3,106		
1,565	1	1,565			1	1,565		
Total . . .	149	52,125	68	14,663	105	53,443	53	19,881

ST. LAWRENCE CANALS.

8	63	504	2	16	29	232		
10	16	160	2	20	1	10		
15	19	285			8	120		
20	10	200			4	80	1	20
25	12	300	2	50				
30	10	300	2	60				
35	8	280	1	35	2	70		
40	7	280	4	160	2	80		
45	5	225	3	135	2	90		
50	15	750	6	300				
55	2	110	2	110	1	55		
60	11	660	3	180				
65	4	260	4	260	2	130		
70	9	630	1	70	1	70		
75	4	300	4	300	2	150		

SESSIONAL PAPER No. 20a

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels, &c.—
Continued.

ST. LAWRENCE CANALS—Continued.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Num- ber.	Total Tonnage.	Num- ber.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
80	2	160	5	400	.....	.....	.....	.....
85	7	595	5	425	.....	.....	5	425
90	7	630	7	630	1	90	8	720
95	4	380	13	1,235	7	695	46	4,370
100	10	1,000	10	1,000	3	300	45	4,500
105	5	525	9	45	.....	.....	11	1,155
110	3	330	3	330	3	330	10	1,210
115	2	230	10	1,150	1	115	9	1,035
120	3	360	9	1,080	.....	.....	1	120
125	2	250	6	750	.....	.....	1	125
130	3	390	2	260	1	130	.....	.....
135	1	135	5	675	.....	.....	2	270
140	4	560	1	140	.....	.....	.....	.....
145	2	290	17	2,425	.....	.....	.....	.....
150	3	450	13	1,950	.....	.....	.....	.....
155	2	310	16	2,480	.....	.....	.....	.....
160	3	480	8	1,280	2	320	1	160
165	2	330	8	1,320	.....	.....	.....	.....
170	1	170	2	340	.....	.....	.....	.....
175	2	350	2	350	1	175	.....	.....
180	3	540	1	180	.....	.....	.....	.....
185	.....	.....	3	555	.....	.....	1	185
190	1	190	1	190	.....	.....	.....	.....
195	2	390	3	585	.....	.....	.....	.....
200	2	400	1	200	.....	.....	.....	.....
210	1	210	1	210	.....	.....	.....	.....
225	2	450	1	225	.....	.....	.....	.....
230	1	230	2	460	.....	.....	.....	.....
240	2	480	2	480	1	240	.....	.....
255	4	1,020	3	765	.....	.....	.....	.....
260	2	520	2	520	.....	.....	.....	.....
265	.....	.....	2	530	1	265	.....	.....
275	.....	.....	2	550	.....	.....	.....	.....
280	.....	.....	1	280	.....	.....	1	280
285	.....	.....	2	570	1	285	1	285
290	.....	.....	3	870	.....	.....	.....	.....
295	2	590	3	885	.....	.....	1	295
300	1	300	2	600	.....	.....	.....	.....
305	1	305	3	915	.....	.....	.....	.....
310	1	310	2	620	1	310	.....	.....
315	2	630	2	630	.....	.....	.....	.....
320	.....	.....	5	1,600	.....	.....	1	320
325	2	650	1	325	.....	.....	.....	.....
330	.....	.....	2	660	.....	.....	.....	.....
335	1	335	5	1,675	.....	.....	.....	.....
340	1	340	3	1,020	.....	.....	.....	.....
345	.....	.....	.....	.....	.....	.....	.....	.....
360	2	720	2	720	1	360	.....	.....
365	.....	.....	4	1,460	.....	.....	.....	.....
370	1	370	3	1,110	.....	.....	.....	.....
375	.....	.....	1	375	1	375	.....	.....
380	1	380	1	380	.....	.....	.....	.....
385	.....	.....	2	770	.....	.....	1	385
395	1	395	3	1,185	.....	.....	.....	.....
412	1	412	2	824	.....	.....	.....	.....
419	.....	.....	2	838	.....	.....	.....	.....
434	.....	.....	1	434	.....	.....	1	434

6-7 EDWARD VII., A. 1907

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels, &c.—
Continued.

ST. LAWRENCE CANALS—Concluded.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Num- ber.	Total Tonnage.	Num- ber.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
439	2	878	1	439			1	439
440								
450								
462			2	924				
471	3	1,413	1	475				
475			1	475				
479	1	479					1	479
480	2	960	2	960	1	480		
484	2	968			1	484		
487			1	487				
499			1	499				
500	2	1,000						
508	1	508						
516			4	2,064				
518	1	518	1	518	1	518		
530	1	530						
539			1	539				
541	1	541	1	541				
544			2	1,088				
567			1	567				
578	3	1,734	1	578				
585			1	585				
586	1	586	1	439				
590			1	590				
599	1	599						
607	1	607	2	1,214				
620					1	620		
648	1	648			1	680		
680	2	1,360	1	680				
715	2	1,430						
719			1	719			1	719
740	2	1,480	1	740				
781	1	781						
803					1	803		
864					1	864		
868	2	1,736			2	1,736	1	868
911					1	911		
920					4	3,680		
929					2	1,858		
944					2	1,888	1	944
952								
955					2	1,910		
970			1	970	2	1,940		
987			2	1,974	3	2,961		
997	2	1,994						
1,020	2	2,040					1	1,020
1,038	1	1,038					2	2,076
1,083							1	1,083
1,041					1	1,041		
1,147								
1,171	1	1,171			1	1,171	3	3,513
1,187	1	1,187					2	2,380
1,190	1	1,190						
1,201			1	1,201	1	1,201		
1,310							1	1,310
1,453	1	1,453						
1,609			1	1,609				
Total....	341	53,165	298	64,557	107	29,823	162	13,125

SESSIONAL PAPER No. 20a

No. (A) 20.—STATEMENT of the Number and Tonnage of all kinds of Vessels, &c.—
Continued.

RIDEAU, OTTAWA AND CHAMBLY CANALS.

CANADIAN.					UNITED STATES.			
Steam Vessels.			Sailing Vessels.		Steam Vessels.		Sailing Vessels.	
Tonnage.	Num- ber.	Total Tonnage.	Num- ber.	Total Tonnage.	Number.	Total Tonnage.	Number.	Total Tonnage.
8	98	784	151	1,208	31	248	10	80
10	20	200	5	50	5	50	.....	.....
15	3	45	2	30	5	75	.....	.....
20	4	80	2	40	2	40	.....	.....
25	2	50	4	100	2	50	1	25
30	2	60	3	90	1	30	.....	.....
35	.....	.....	4	150	2	70	.....	.....
40	.....	.....	1	40	.....	.....	.....	.....
45	3	135	5	225	2	90	.....	.....
50	7	350	6	300	.....	.....	.....	.....
50	.....	.....	2	110	.....	.....	.....	.....
60	1	60	1	60	.....	.....	.....	.....
65	.....	.....	.....	.....	.....	.....	.....	.....
70	1	70	2	150	.....	.....	.....	.....
75	.....	.....	.....	.....	1	75	.....	.....
80	.....	.....	.....	.....	.....	.....	3	240
85	1	85	2	170	1	85	18	680
90	1	90	3	270	.....	.....	70	6,300
95	2	190	5	475	.....	.....	322	28,980
100	1	100	2	200	.....	.....	60	6,000
105	.....	.....	4	425	.....	.....	33	3,795
110	1	110	2	220	.....	.....	41	4,510
115	.....	.....	5	575	.....	.....	11	1,265
120	.....	.....	2	240	.....	.....	3	360
125	.....	.....	2	250	.....	.....	6	750
130	.....	.....	2	260	.....	.....	5	650
135	.....	.....	5	675	.....	.....	2	270
140	.....	.....	7	980	.....	.....	.....	.....
140	.....	.....	7	980	.....	.....	.....	.....
145	.....	.....	11	1,595	.....	.....	1	145
150	2	300	16	2,400	.....	.....	2	300
155	.....	.....	11	2,705	.....	.....	.....	.....
160	.....	.....	3	480	.....	.....	.....	.....
165	.....	.....	5	825	.....	.....	.....	.....
170	.....	.....	4	680	.....	.....	.....	.....
175	1	175	1	178	.....	.....	.....	.....
180	.....	.....	2	360	.....	.....	.....	.....
185	2	370	.....	.....	.....	.....	.....	.....
195	1	195	1	195	.....	.....	.....	.....
225	1	225	1	225	.....	.....	.....	.....
245	.....	.....	2	490	.....	.....	.....	.....
250	.....	.....	1	250	.....	.....	.....	.....
260	1	260	1	260	.....	.....	.....	.....
265	1	265	.....	.....	.....	.....	.....	.....
270	.....	.....	1	270	.....	.....	.....	.....
275	.....	.....	1	275	.....	.....	.....	.....
285	.....	.....	1	285	.....	.....	.....	.....
295	2	590	.....	.....	.....	.....	.....	.....
300	.....	.....	1	300	.....	.....	.....	.....
325	1	325	.....	.....	.....	.....	.....	.....
375	.....	.....	1	375	.....	.....	.....	.....
397	.....	.....	1	397	.....	.....	.....	.....
Total..	159	5,114	292	19,838	52	813	588	54,350

APPENDIX

No. (A) 21.—STATEMENT showing the Classified Tonnage of all kinds of
WELLAND

CANADIAN.											
Class.	Steam Vessels.			No.	Tonnage.	Class.	Sailing Vessels.			No.	Tonnage.
1	250 to 1,565 tons.....			76	48,331	1	250 to 1,041 tons.....			23	12,156
2	200 " 249 "			3	670	2	200 " 249 "			2	450
3	150 " 199 "			5	815	3	150 " 199 "			5	825
4	100 " 149 "			5	560	4	100 " 149 "			3	310
5	50 " 99 "			10	700	5	50 " 99 "			11	605
6	Under 50 "			60	1,049	6	Under 50 "			24	317
	Total			159	52,125		Total			68	14,663

ST. LAWRENCE

1	250 to	tons.	64	37,106	1	250 to	tons.	96	41,511
2	200 " 249 "		8	1,770	2	200 " 249 "		7	1,575
3	150 " 199 "		19	3,210	3	150 " 199 "		57	9,230
4	100 " 149 "		35	4,070	4	100 " 149 "		72	7,855
5	50 " 99 "		65	4,475	5	50 " 99 "		50	3,910
6	Under 50 "		150	2,534	6	Under 50 "		16	476
	Total		341	53,165		Total		298	64,557

RIDEAU, OTTAWA

1	250 to 325 tons.		5	1,440	1	250 to 397 tons.		8	2,412
2	200 " 249 "		1	225	2	200 " 249 "		3	715
3	150 " 199 "		6	1,040	3	150 " 199 "		43	7,823
4	100 " 149 "		2	210	4	100 " 149 "		40	5,420
5	50 " 99 "		13	845	5	50 " 99 "		21	1,535
6	Under 50 "		132	1,354	6	Under 50 "		177	1,933
	Total		159	5,114		Total		292	19,838

DEPARTMENT OF RAILWAYS AND CANALS,
OTTAWA, June 15, 1906.

SESSIONAL PAPER No. 20a

A—Concluded.

Vessels passed through the Canals during the season of Navigation, 1905.

CANAL.

UNITED STATES.							
Class.	Steam Vessel.	No.	Tonnage.	Class.	Sailing Vessel.	No.	Tonnage.
1	250 to 1,565 tons.....	59	51,069	1	250 to 1,202 tons.....	24	17,456
2	200 " 249 "	2	440	2	200 " 249 "	1	230
3	150 " 199 "	3	500	3	150 " 199 "	9	1,480
4	100 " 149 "	5	560	4	100 " 149 "	1	130
5	50 " 99 "	7	430	5	50 " 99 "	8	455
6	Under 50 "	29	444	6	Under 50 "	10	130
	Total	105	53,443		Total	53	19,881

CANALS.

1	250 to tons.	33	26,341	1	250 to tons.	21	16,830
2	200 " 249 "	1	240	2	200 " 249 "		
3	150 " 199 "	3	495	3	150 " 199 "	2	345
4	100 " 149 "	8	875	4	100 " 149 "	79	8,415
5	50 " 99 "	14	1,190	5	50 " 99 "	59	5,515
6	Under 50 "	48	682	6	Under 50 "	1	20
	Total	107	29,823		Total	162	31,125

AND CHAMBLY CANALS.

1	250 to tons.			1	250 to tons.		
2	200 " 249 "			2	200 " 249 "		
3	150 " 199 "			3	150 " 199 "	2	300
4	100 " 149 "			4	100 " 149 "	162	17,745
5	50 " 99 "	2	160	5	50 " 99 "	413	36,200
6	Under 50 "	50	653	6	Under 50 "	11	105
	Total	52	813		Total	588	54,350

RICHARD DEVLIN,
Compiler of Canal Statistice.

CANALS
CONSOLIDATED

No. 22.—RATES OF TOLLS ON THE CANALS

WELLAND, ST. LAWRENCE, RIDEAU, OTTAWA, CHAMBLY AND MURRAY CANALS.

(O. C., April 18, 1873.)

The Rates of Tolls are divided into Six Classes, as under, and are per ton, unless otherwise specified.	Welland Canal, westward.	Welland Canal, eastward.	Lake Erie to Montreal.	St. Lawrence Canals, each way.	Chambly Canal and St. Ours Lock.	Rideau Canal, each way.	Ottawa Canals, and St. Ann's Lock, each way.	Ottawa to St. Johns, each way.	Murray Canal, each way.
	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
Class No. 1.									
Vessel, steam.....per ton	01½	0 01½	0 02¼	0 00¾	0 00¾	0 01½	0 00¾	0 01½	0 ¾
" sail and other.....	0 02¼	0 02¼	0 03¾	0 01½	0 01¼	0 02¼	0 01	0 02¾	0 1½
Class No. 2.									
Passengers, 21 years of age and upwards...	0 10	0 10	0 20	0 10	0 05	0 08	0 02¼	0 09¾	0 1¼
" under 21 years each.....	0 05	0 05	0 10	0 05	0 02	0 04	0 01¼	0 04½	0 0¾
Class No. 3.									
Bricks, cement and water lime.....									
Clay, lime and sand.....									
Brimstone.....									
Corn.....									
Flour.....									
Iron, railway.....									
" pig.....									
" all other, including steel (O.C., Feb. 1, 1888).....	15	0 20	0 20	0 15	0 10	0 07	0 06	0 19¾	0 1¾
Plaster, gypsum.....									
Salt.....									
Salt meats or fish, in barrels or otherwise...									
Agricultural products, vegetable, not enu- merated.....									
Agricultural products, animal, not enumer- ated.....									
Stone, for cutting.....									
Wheat.....									
Class No. 4.									
All other articles not enumerated.....	0 15	20	0 20	0 20	0 10	0 26	0 14	0 29	0 2½

SESSIONAL PAPER No. 20a

REVENUE

TARIFF OF TOLLS

OF THE DOMINION OF CANADA, 1902.—(1905—Free, O.C., April 27, 1903.)

TRENT VALLEY CANALS.

(O. C., July 25, 1888.)

1ST SECTION.	2ND SECTION.	3RD SECTION.	4TH SECTION.	THROUGH.	Peterborough to Hastings, each way.
Fenelon Falls to Bobcaygeon.	Bobcaygeon to Buckhorn.	Buckhorn to Burleigh.	Burleigh to Lakefield.	Fenelon Falls to Lakefield.	
Tolls Charge- able at Fenelon Falls.	Tolls Charge- able at Bobcaygeon.	Tolls Charge- able at Buckhorn.	Tolls Charge- able at Burleigh.	Tolls Charge- able at Fenelon Falls.	Tolls Chargeable at Peterborough and Hastings.
\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
0 00 ³ / ₁₆ 0 00 ¹ / ₄	0 00 ³ / ₁₆ 0 00 ¹ / ₄	0 00 ³ / ₁₆ 0 00 ¹ / ₄	0 00 ³ / ₁₆ 0 00 ¹ / ₄	0 00 ³ / ₄ 0 01	0 00 ³ / ₈ 0 00 ¹ / ₄
01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 01 0 00 ¹ / ₂	0 04 0 02	0 01 0 00 ¹ / ₂
01	01	01	01	0 04	0 01
0 03	0 3	0 03	0 03	0 12	0 03

SESSIONAL PAPER No. 20a

ON THE CANALS—*Continued.*

TRENT VALLEY CANALS.

1ST SECTION.	2ND SECTION.	3RD SECTION.	4TH SECTION.	THROUGH.	Peterborough to Hastings, each way.
Fenelon Falls to Bobcaygeon.	Bobcaygeon to Buckhorn.	Buckhorn to Burleigh.	Burleigh to Lakefield.	Fenelon Falls to Lakefield.	
Tolls Charge- able at Fenelon Falls.	Tolls Charge- able at Babcaygeon.	Tolls Charge- able at Buckhorn.	Tolls Charge- able at Burleigh.	Tolls Charge- able at Fenelon Falls.	Tolls Charge- able at Peterborough and Hastings.
\$ cts.	\$ cst.	\$ cts.	\$ cts.	\$ cts.	\$ cts.
0 01	0 01	0 01	0 01	0 04	0 01
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 13	0 13	0 13	0 13	0 52	0 13
0 03	0 03	0 03	0 03	0 10	0 03
0 04	0 04	0 04	0 04	0 14	0 04
0 02	0 02	0 02	0 02	0 08	0 02
0 02	0 02	0 02	0 02	0 08	0 02
0 01	0 01	0 01	0 01	0 04	0 01
0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$
0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 00 $\frac{1}{4}$	0 01	0 00 $\frac{1}{4}$
0 03	0 03	0 03	0 03	0 10	0 03
0 04	0 04	0 04	0 04	0 14	0 04
0 07	0 07	0 07	0 07	0 28	0 07
0 14	0 14	0 14	0 14	0 56	0 14
0 04	0 04	0 04	0 04	0 16	0 04
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
0 03	0 03	0 03	0 03	0 12	0 03
0 05	0 05	0 05	0 05	0 20	0 05
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
0 02	0 02	0 02	0 02	0 08	0 02
0 10	0 10	0 10	0 10	0 40	0 10
0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 05 $\frac{1}{2}$	0 22	0 05 $\frac{1}{2}$
0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 00 $\frac{1}{2}$	0 02	0 00 $\frac{1}{2}$
0 05	0 05	0 05	0 05	0 20	0 05
0 20	0 20	0 20	0 20	0 80	0 20
Free.	Free.	Free.	Free.	Free.	Free.
0 01	0 01	0 01	0 01	0 04	0 01
0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 03 $\frac{1}{2}$	0 14	0 03 $\frac{1}{2}$
0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 00 $\frac{3}{4}$	0 03	0 00 $\frac{3}{4}$
Free.	Free.	Free.	Free.	Free.	Free.

6-7 EDWARD VII., A. 1907

St. Peter's Canal.

Sec. 2. On each and every vessel passing through the said canal, two cents per ton on the vessel and one cent per ton on the freight, each way. O. C. June 23, 1883. Con. O. C. Oct. 26, 1889, sec. 109. Free, O.C., April 27, 1903.

SPECIAL REGULATIONS RELATING TO TOLLS ON SOME OF THE CANALS.

Sec. 3. Coal may pass up all canals, except the Welland Canal, free of toll. O. C. June 6, 1869. Con. O. C. Oct. 26, 1889, sec. 83. Free, O.C., April 27, 1903.

Sec. 4. Logs, lumber or other produce may pass free of toll down the Chippawa Creek, between the Aqueduct and Port Robinson. O. C. May 18, 1863. Con. O. C. Oct. 26, 1889, sec. 84.

Sec. 5. (a.) In view of the dam constructed across the Ottawa River at Carillon whereby the passage of the rapids at that point through the river is rendered difficult and at times impracticable, it appears necessary, owing to the continued difficulty attending passage through the slide built in the dam, that the canal should be used by rafts and until otherwise ordered, free passage be given to rafts through the Carillon Canal, subject to such regulations as the Department of Railways and Canals may find necessary in the interest of the traffic of the canal to adopt. O. C. July 6, 1888.

Sec. 5. (b.) "Save in cases for which special permission may be given the Grenville Canal is closed to the passage of rafts, or any portion of a raft of any kind whatever." O. C. June 27, 1890.

Sault Ste. Marie Canal.

Sec. 6. All vessels and freight shall be permitted to pass through the Sault Ste. Marie Canal free of toll upon such vessels and freight, until otherwise ordered.

Sec. 7. (a.) All up bound goods on which full tolls have been paid for passage through the whole of the St. Lawrence Canals, or for passage through the Lachine Canal; the Ottawa and Rideau Canals or for passage through the Ottawa and Rideau Canals shall be entitled to pass free through the Welland Canal, or any portion thereof, and tolls paid for passage through the Chambly Canal, on goods thereafter so becoming entitled to the above privilege, shall be refunded at Montreal. All down bound goods on which full tolls have been paid for passage through the Welland Canal shall be entitled to pass free through any or all of the above mentioned Canals, or through any portion thereof. O. C. May 17, 1897.

(b.) All articles, goods or merchandise, not enumerated above, shall be charged to class No. 4. O. C. April 18, 1873. Con. O. C. Oct. 26, 1889, sec. 86.

Sec. 8. Goods shipped to any port west of the St. Lawrence Canals, tolls upon which have already been paid for passage through such canals, may be re-shipped from such port and be passed through the Welland Canal free of tolls, in the same way as if they had been shipped through direct in the first instance; and goods going eastward, having paid Welland Canal tolls, may be transhipped at any port on Lake Ontario, and thereafter pass free through the St. Lawrence Canals, as if they had been shipped through direct in the first instance. O. C. June 23, 1883. Con. O. C. Oct. 26, 1889, sec. 87.

Sec. 9. Iron ore, kryolite or chemical ore, may pass through one section, or through all the canal sections aforesaid, for 5 cents per ton. Free, O.C., April 27, 1903.

Sec. 10. No let-passes shall be issued to steam tugs or other small vessels for less than 25 cents, as a minimum charge; but such vessels, not carrying freight or passengers, can obtain, on payment of \$30 a season "Let-Pass," which will pass them up and down the canals as often as desired. O. C. April 18, 1873. Con. O. C. Oct. 26, 1889, sec. 86. Free, O.C., April 27, 1903.

Sec. 11. All vessels owned or chartered by persons having contracts for the enlargements or repair of any of the canals, and employed by them in removing earth or carrying materials necessary for the prosecution of such works, shall be entitled to pass through such canals free of toll upon such vessel and cargo. O. C. April 22, 1884. Con. O. C. Oct. 26, 1889, sec. 35.

Sec. 12. Government dredges and scows shall be permitted to pass through the canals free of tolls, but that such dredges and scows shall not be so passed as to interfere with the passage of other vessels of any kind whatever. O. C. May 18, 1891.

HARBOUR DUES.

Sec. 13. Vessels receiving or discharging freight at the premises of the Welland Railway, at Ports Colborne or Dalhousie, are to be free from harbour dues; but all other vessels discharging or receiving cargo at Port Dalhousie, Port Colborne or Port Maitland, shall pay on every ton of freight so received or discharged, two cents. O. C. April 18, 1873. Con. O. C. Oct. 26, 1889.

SESSIONAL PAPER No. 20a

WAY RATES.

Sec. 14. The following way rates are to be levied on vessels and property passing the several subdivisions of the Canals:—

Welland Canal.

	Rate.
1. From Port Maitland, Dunnville and Port Colborne to Port Robinson or Allanburg, not passing the lock, each way.....	$\frac{1}{2}$
2. From Chippawa Cut, or any part thereof, to Dunnville, Port Maitland or Port Colborne.....	$\frac{1}{3}$
3. From Dunnville to Port Colborne.....	
4. From Thorold to St. Catharines or Port Dalhousie.	
5. From Maitland, Dunnville, Colborne or Port Robinson to Marshville and intermediate places.	$\frac{1}{3}$
6. From Marshville or intermediate places to Port Maitland, Dunnville, Port Colborne and Port Robinson.....	$\frac{1}{3}$
7. From Port Robinson to Allanburg or Thorold.....	$\frac{1}{3}$
8. From Port Robinson to St. Catharines or Port Dalhousie.....	$\frac{1}{3}$
9. From St. Catharines to Port Dalhousie.....	
10. From Dunnville to Maitland.....	$\frac{1}{4}$
11. From Port Robinson through the Lock and Chippawa Cut.....	
12. From Port Colborne to Port Maitland.....	
13. From Chippawa Cut through Lock to Port Robinson.....	$\frac{1}{4}$
14. From Colborne, Dunnville, Maitland and Marshville to Thorold.....	$\frac{1}{3}$
15. From Colborne, Dunnville, Maitland and Marshville to St. Catharines.....	$\frac{1}{3}$
16. Through the Chippawa Cut only.	$\frac{1}{3}$
17. Through the Port Robinson Lock only.....	$\frac{1}{3}$

St. Lawrence Canals.

Sec. 15. The navigation is divided into four sections, viz., Cardinal, Cornwall, Beauharnois or Soulanges and Lachine. Tolls are to be levied on all vessels and property in proportion to the number of sections passed through.

Chambly Canal.

	Rate.
Sec. 16. Vessels and property passing from Sorel to Chambly, to pay.....	$\frac{1}{3}$
Vessels and property passing from Chambly to St. Johns, to pay.....	$\frac{1}{3}$

Ottawa Canals.

Sec. 17. The navigation is divided into three sections, viz., Grenville, Carillon and Ste. Anne's. Tolls are to be levied on all vessels and property in proportion to the number of sections passed through.

Rideau Canal.

Sec. 18. The navigation of this canal is divided into three sections, viz., Ottawa, Smith's Falls and Kingston Mills. Vessels and freight passing one section are to be charged one-third; two sections, two-thirds. O.C. April 18, 1873. Con. O.C. Oct. 26, 1889, secs. 77, 78, 79, 80 and 81.—

Tay Canal to be part of the Rideau Canal and the following rates of tolls to be levied upon the said Tay Branch of the Rideau Canal system, viz.:—

Perth to Smith's Falls, 1 section, or one-third of Rideau Canal rates, each way.

Perth to Kingston, 2 sections, or two-thirds Rideau Canal rates, each way.

Perth to Ottawa Basin, 2 sections, or two-thirds Rideau Canal rates, each way.

Perth to River Ottawa, 3 sections, full Rideau Canal rates, each way. O.C. Sept. 27, 1890.

General.

Sec. 19. (a.) Any fraction of a ton freight is to be charged one ton, and portions of sections are to be charged as a whole section on all the above canals.

(b.) The passing of saw-logs or other lumber through any of the canals, or sections thereof, shall be at all times governed by the regulations for their management. O.C. April 18, 1873. Con. O.C. Oct. 26, 1889, sec. 82.

Sec. 20.—STANDARD FOR ESTIMATING WEIGHTS, FOR CANAL TOLLS.

	Tons.		Tons.
2,000 lbs. avoirdupois.	1	Sheep, 20.	1
Per M. is per thousand feet		Stone, 12 cubic feet.	1
Per mile is per thousand pieces.		Stone, 1 cord.	7½
Green fruit, 9 barrels are.	1	Whisky, 4 barrels or 215 gallons.	1
Ashes, 3 barrels are.	1	Empty barrels, 10.	1
Bark, 4 cords.	1	Barrel hoops, 10 mille.	1
Beef, 7 barrels.	1	Board and other sawed lumber, 600 feet board measure.	1
Biscuit and crackers, 9 barrels.	1	Boat knees, 4.	1
Bricks, common, 1,000.	2	Firewood, 1 cord	3
Butter, 22 kegs or 7 barrels.	1	Hop poles, 60 or 40 cubic feet.	1
Cattle, 3.	1	Shingles, 12 M. or bundles.	1
Cement and water lime, 7 barrels.	1	Split posts and fence rails, 1 mille.	1
Fire-bricks, 1,000.	3	Staves and headings, pipe, 1 mille.	8
Fish, 7 barrels.	1	" " W. India, 1 mille.	4
Flour, 9 barrels.	1	" " barrel, 1 mille.	2½
Gypsum and manganese, 6 barrels.	1	" " salt barrel, 1 mille.	0½
Horses, 2	1	Saw-logs, standard, 1	0½
Lard and tallow, 7 barrels or 22 kegs.	1	Square timber, 50 cubic feet.	1
Liquors and spirits, 215 gallons.	1	Telegraph poles, 10, or 40 cubic feet.	1
Liquids, all others, 215 gallons.	1	Masts and spars, 40 cubic feet.	1
Nuts, 9 barrels.	1	Railroad ties, 16, or 50 cubic feet.	1
Oysters, 6 barrels.	1	All other woodenware, or partly manufac- tured wood, 40 cubic feet as per tariff.	1
Pork, 7 barrels.	1	Traverses, 40 cubic feet, or 5 pieces.	1
Refined oil in bulk, 250 gals., O.C., July 24, '00.	1	Floats, 50 lineal feet	1
Salt, 7 barrels.	1		
Seeds, 9 barrels.	1		

NOTE.—By the Weights and Measures Act, chapter 104 of the Revised Statutes of Canada, section 14, all the following named articles are to be estimated by the cental of 100 lbs.
The weight equivalent to a bushel being as follows:—Wheat, 60 lbs.; Indian corn, 56 lbs.; rye, 56 lbs.; pease, 60 lbs.; barley, 48 lbs.; oats, 34 lbs.; beans, 60 lbs.; clover seed, 60 lbs.; timothy seed, 48 lbs.; buckwheat, 48 lbs.; flax seed, 50 lbs.; blue grass seed, 14 lbs.; hemp seed, 44 lbs.; malt, 36 lbs.; castor beans, 40 lbs.; potatoes, turnips, carrots, parsnips, beets and onions, 60 lbs.; bituminous coal, 70 lbs.

TOLLS AT SHEDS AT LACHINE CANAL BASIN.

Sec. 21. The following tolls shall be levied upon property stored at the sheds at the Lachine Canal Basin:—

	Cents.
Wheat and other grain, per week, per bushel.	1
Meal " per barrel.	4
Pork, beef, butter and lard " "	5
Muscovado sugar " per hhd., 10 cents; per brl.	5
Liquors " { per pipe, 15 cents; per pun.	12
" " { per hhd., 10 cents; per qr. cask.	7
Iron, bars " per ton.	24
Iron, pig " "	12
Salt, except at the St. Gabriel sheds " per 100 minots.	36
Salt at the St. Gabriel sheds, Montreal, after the first 48 hours " per bag.	½
Bales, crates, cases, &c. " per ton weight or measurement.	24
Coals " per chaldron.	12

Sec. 22. (a.) No charge shall be made for property stored in the sheds of the Lachine Canal Basin for the first forty-eight hours, after which period, except in the case of flour, the foregoing rate of storage for the use of the sheds are to be raised, levied and collected.
(b.) Articles unenumerated are to be charged according to the above rates as nearly as the same can be computed.
(c.) All property stored in the sheds remaining after the first forty-eight hours will be liable to one week's storage, although it should only have been stored for a portion of the same, and so on for each succeeding week.
(d.) The labour of receiving property into the sheds and delivering the same shall be at the expense of and be furnished by the owners of the property or their agents.

SESSIONAL PAPER No. 20a

(e.) All property stored in these sheds shall be at the risk of the proprietor from damage by fire or otherwise.

f.) All dues for storage shall be paid before the removal of the property. O. C. August 21, 1846, October 28, 1846. Con. O. C. Oct. 26, 1889, secs. 90 and 91.

Flour.

Sec. 23. (a.) Flour shall be allowed to remain in the sheds for two whole days free of charge.

(b.) If kept there beyond two days or 48 hours, such flour shall be liable to a charge of one cent per day per barrel for the first four days after the expiration of the 48 hours of the exemption.

(c.) Should the flour be kept in the sheds beyond four days at one cent per day per barrel, it shall be liable to pay two cents per day per barrel for every day subsequent to the expiration of such four days.

(d.) Any part of a day shall be considered as one day. O. C. May 31, 1856. Con. O. C. Oct. 26, 1889, sec. 92.

WHARFAGE DUES ON COAL FOR LOCAL CONSUMPTION IN MONTREAL.

Sec. 24. Coal for local consumption in Montreal, landed on canal property between Montreal Harbour and Lachine, O.C., April 22, 1902, from vessels other than sea-going, and entering the Lachine Canal from Montreal Harbour, shall be charged wharfage dues at the rate of five cents a ton.

Coal screening shall be charged 3 cents a ton. Con. O. C. Oct. 26, 1889, sec. 93. O. C. May, 18, 1892.

CHARGES FOR WHARFAGE ON FIREWOOD ON WHARFS AND BANKS OF LACHINE CANAL.

Sec. 25. The following rates of tolls shall be collected as herein mentioned that is to say:—

(a.) Firewood landed on wharfs or banks of the Lachine Canal, or in boats, barges or other craft occupying any of the basins between Wellington Street Bridge and Lock No. 3, four cents per cord, and for every day the wood is allowed to remain in either the canal or basin, or on the wharfs or banks after the first five days, an additional charge of four cents per cord. O. C. August 7, 1860. Con. O. C. Oct. 26, 1889, sec. 94.

(b.) The clause next preceding shall not only apply to the rates of toll to be collected on firewood on wharfs at Lachine and the Lachine Canal and basin, but are also extended and made applicable to the banks and grounds at Côte St. Paul and at Lachine. O. C. Jan. 27, 1862. Con. O. C. 1889, sec. 94.

CANAL BASINS IN MONTREAL PART OF MONTREAL HARBOUR.

Sec. 26. Whereas under existing regulations for the collection of canal tolls, eastern bound vessels having paid the charges one way in full through the Welland Canal are chargeable one Section Canal Toll if re-entering the Lachine Canal;

And whereas vessels loaded with grain destined for the Montreal Harbour frequently unload only part of their cargoes on board sea-going vessels in the harbour, and re-enter the Lachine Canal for the purpose of unloading the balance of their cargoes either in elevators or mills located along the canal basins;

It is ordered that the Lachine Canal basins, within the Montreal city limits, be considered as part of the Montreal Harbour, in so far only as regards the collection of tolls on the class of vessels above referred to, which re-enter that portion of the canal for the purpose of unloading the balance of their cargoes, but that the same shall not apply any further, as in the event of vessels returning to the harbour to take cargo, in which case the usual toll shall be charged against them on passing out of the canal a second time into the harbour. O. C. Aug. 8, 1878. Con. O. C. Oct. 26, 1889, sec. 95. Free O.C. April 27, 1903.

PHOSPHATES.

Sec. 27. Whereas vessels laden with grain for delivery in Montreal Harbour frequently carry also deck loads of phosphates, and being compelled to proceed at once to the harbour for the discharge of the grain, they pay tolls through to that point, subsequently re-entering the Lachine Canal for the storage of the phosphates, and in accordance with the existing regulations, paying canal dues a second time for such re-entry;

It is ordered that the Lachine Canal basins, within the Montreal city limits, be considered as part of the Montreal Harbour, for the purpose of the unloading of phosphates carried by vessels in addition to their grain cargoes as described in this section; it being, however, provided that in the event of their returning to the harbour to take cargo, the usual tolls shall be charged against such vessels on their passing out of the canal a second time. O. C. July 12, 1881. Con. O. C. Oct. 26, 1889, sec. 96. Free, O.C., April 27, 1903.

Extract from the Act, Canada, 1894, c. 48, amending and consolidating the Acts relating to the Harbour Commissioners of Montreal.

HARBOUR RATES WHARFAGE DUES IN ALL BASINS OF THE LACHINE CANAL ON SEA-GOING VESSELS.

Sec. 28. The corporation may, from time to time, levy such rates as are approved of by the Governor in Council, upon all goods landed or shipped in the harbour, moved by rail on the harbour tracks, or deposited within the harbour, except arms, ammunition and military accoutrements, and other munitions of war for the use of the Government or for the defence of the Dominion. 40 V., c. 53, s. 2, part 2. For the purposes of this section, the lower basins of the Lachine Canal shall be held to form part of the harbour of Montreal, and the corporation may levy from all vessels entering the same through the harbour for the purpose of discharging or loading there, except canal craft trading between Montreal and places above Montreal, the same rates as may be levied in the harbour and under the same regulations and penalties. In all other respects the said lower basins shall be and remain under the jurisdiction of the Minister of Railways and Canals. 18 V., c. 143, s. 18; 40 V., c. 53, s. 2, part 2.

All property delivered or received by sea-going vessels in the Lachine Canal basins at Montreal (except the old lower basin) shall be charged wharfage dues as follows:—

All goods, wares and merchandise not elsewhere specified.....	25 cents per ton.
Hay, straw, pig and scrap iron, pot and pearl ashes.....	20 "
Apples, crates and their contents, flour and meal, fish, meats, pitch, potatoes, tar, horses, neat cattle, sheep and swine.....	15 "
Ballast, clay, fire-bricks, gypsum, lime, marble, phosphate, sand, salt.....	10 "
Coal and coke, grain and seeds of all kinds	6 "
Special—Bricks, 10 cents per 1,000; cordwood, 5 cents per cord; lumber, 10 cents per 1,000 feet, board measure.	
Bullion specie	Free.
Coal screenings.....	3 "

Each entry shall pay not less than 5 cents.
All property landed on the canal wharfs for re-shipment, or transhipped in canal waters, shall pay one wharfage only.
Lumber upon which tolls have been paid for passage down the Lachine Canal, and which is re-shipped from the wharfs or vessels into sea-going vessels, shall pay wharfage dues equal to one section of canal tolls, viz., 3¼ cents per 1,000 feet board measure. O.C. Jan. 26, 1883. Con. O.C. Oct. 26, 1889, secs. 98, 99, 100 and 101. O.C. May 18, 1892.

Sec. 29.—Standard for Estimating Weights.

Ashes, pot or pearl.....	3 brls. to 1 ton.
Apples, flour, meal, potatoes.....	9 " 1 "
Fish, meat, pitch, tar	7 " 1 "
Horses	2 to 1 ton.
Neat cattle.....	3 to 1 "
Sheep	15 to 1 "
Swine.....	10 to 1 "

O.C. April 1, 1881. Con. O.C. Oct. 26, 1889, sec. 102.

TOLLS ON FLOATED TIMBER, ETC., ENTERING THE BASIN AT LACHINE.

Sec. 30. The following rates of tolls shall be collected on floated timber, lumber and firewood entering the basin at Lachine and Lachine Canal:—

Kinds of Timber.	For receiving Time- ber, &c., to include use of Basin and Wharf for one Month.	For each succeeding month during the Season of Naviga- tion.	For Wintering in Basin or on Wharf.
	Cents.	Cents.	Cents
Timber, square or round, of all kinds, above 12 x 12, per M cubic feet.....	25	20	35
Timber, round or flattened, of all kinds, under 12 x 12, per M lineal feet.....	20	15	30
Planks and boards to include all kinds of sawed lumber in rafts, per M feet, board measure.....	3	2	3
Saw logs, 12 feet long, if longer in same proportion per log	1	½	2
Floats, per 100	10	5	10
Traverses, per 100.....	10	5	10
Fence posts and rails, per M	10	5	10
Staves, barrel, per M.....	8	4	8
" pipe	8	4	8
" West India, per M.....	8	4	8
Firewood on bank of canal between Lock No. 3 and Lock No. 5, and also on wharfs in canal basin at Lachine.....	3	3	3

Note.

Sec. 31. (a.) No allowance shall be made for fractional parts of a month or winter season.
(b.) The firewood shall be corded across the bank while being delivered from the boat in such manner and at such points as the superintending engineer may direct.
(c.) The rates on timber to take effect upon the completion of the booms in Lachine Canal. O.C. June 8, 1860. Con. O.C. Oct. 26, 1889, secs. 103 and 104.

SESSIONAL PAPER No. 20a

CHARGES ON VESSELS WINTERING IN LACHINE AND WELLAND CANALS.

Sec. 32. The following rates per ton shall be charged for wintering vessels in the Lachine Canal, viz. :—For each boat, barge, scow or other vessel of ten tons measurement or under, seventy cents per vessel for the entire winter, and every ten tons above the first ten, an additional rate of eight cents, O.C. Aug. 22, 1879. Con. O.C. Oct. 26, 1889, sec. 97.

Sec. 32 (a.) The above rates shall also apply to the Welland Canal. (O.C. June 8th, 1901.)

CHARGES FOR WINTERING VESSELS IN RIDEAU CANAL.

Sec. 33. The winterage dues for vessels wintering in the canal basin, at Ottawa or other points along the line of the Rideau Canal, shall be as follows :—

In canal basin, Ottawa, steamers per season.....	\$ 8 00
" " barges "	4 00
Inside locks " steamers "	50 00
other stations " "	15 00

If the Minister of Railways and Canals deems it advisable, he is authorized to take security from parties wintering their vessels in locks against damage to Government property by fire. O.C. March 19, 1887. Con. O.C. Oct. 26, 1889, sec. 105.

CHARGES FOR WINTERING VESSELS IN THE OTTAWA RIVER CANALS AND LOCKS.

Sec. 34. The charge for vessels wintering on the Ottawa River canals and locks, and the same is hereby prescribed accordingly, namely :

In Carillon Canal, steamers per season.....	\$ 8 00
" " barges "	4 00
Grenville Canal, steamers "	8 00
" " barges "	4 00
Inside Locks, Ste. Anne, Carillon and Grenville Canals, steamers per season.....	25 00
" Culbute Canal, per season.....	15 00

Such security against damage by fire to be taken by way of bond as, in the opinion of the Minister of Railways and Canals, may seem desirable. O.C. Oct. 14, 1892.

Sec. 35. No charges to be made for vessels wintering outside the locks of any government canal. O.C. Dec. 12, 1889.

CHARGES FOR REPAIRING VESSELS ON THE BANKS OF CANALS.

Sec. 36. (a.) Persons using the banks of the Lachine Canal as a site for the repair of their vessels shall be subject to a charge of four dollars, payable in advance, for each vessel; the period during which such site may be occupied under any one payment being limited to six months, and permission for repairing being first obtained from the proper officer, in conformity with the existing canal regulations.

(b.) In the event of failure to remove vessels so occupying the banks at the expiration of the period named, no fresh permits having been obtained, such vessels may be sold under the 16th section of the canal regulations. O.C. March 5, 1880. Con. O.C. Oct. 26, 1889, sec. 106.

Sec. 37. Rules with respect to the repairing of vessels on the banks of the Lachine Canal, the Beauharnois and the Chambly :—

(a.) Repairs shall only be executed at such points as may be indicated and approved by the superintending engineer.

(b.) For each vessel hauled up or beached for repairs, a charge of one dollar, over and above all other charges, shall be made, carrying the privilege of remaining one month, a further sum of one dollar being charged for each additional month, or fraction of a month, the vessel may remain.

(c.) In cases, however, where a vessel hauled up for repairs upon the canal bank remains there throughout the winter, a charge of four dollars only shall be made (in addition to the ordinary winterage dues), the period covered being from the 1st of November to the 1st of June, inclusive.

(d.) Any vessel remaining on the canal bank after having wintered thereon shall be charged at the rate of one dollar a month or fraction of a month of her subsequent stay.

(e.) Any vessel remaining more than one year on the bank of the canal shall for such time as she may remain in excess of that period pay at the rate of two dollars a month or fraction of a month throughout the whole year.

(f.) All charges shall be payable at the collector's office in advance on the first day of each month.

(g.) These rules shall be understood as applying to all cases where the canal bank is used in any manner for the repairs of vessels, whether such vessels are actually hauled up or not. O. C. August 6, 1881. Con. O. C. Oct. 26, 1889, sec. 107.

6-7 EDWARD VII., A. 1907
5-6 EDWARD VII., A. 1906

DRY DOCK CHARGES.

Trent Valley Canal.

Sec. 38. The following tolls and dues shall be charged for the use of the dry dock at Bobcaygeon, and of any of the locks on the Trent Valley Canal, during the winter or other shorter period :—

For Vessels	Wintering.	Per day.	Per week.
Over 15 tons.....	\$30 00	\$4 00	\$12 00
15 tons and under.	20 00	3 00	10 00

(O. C. Oct. 31, 1890.)

Rideau Canal.

Sec. 39. The following tariff of tolls and regulations shall be, and the same are hereby established for the use of the dry dock on the Rideau Canal at Ottawa :—

(1) Steamers entering dock	\$ 8 00
Each day or portion of a day after day of entrance.....	2 50
(2) Barges entering dock	5 00
Each day or portion of a day after day of entrance.....	2 50
(3) Steam yachts or launches.....	5 00
Each day or portion of a day after day of entrance ..	2 50
(4) Boats wintering in the dry dock from the close to the opening of navigation.....	50 00
For every day such boat remains in the dock after the opening of navigation.....	8 00

(5) No vessel of any class shall be in the dock over six days after notice is given in writing by the lockmaster that the dock is required for another vessel unless a satisfactory agreement between all parties interested is arrived at.

(6) All entrances and discharge of vessels are covered by entrance fee.

(7) All drying off of vessels of all classes in the locks at Ottawa or Hartwell's during the season of navigation is prohibited unless for special reasons.

The owners of vessels of all classes to render the required assistance to open and close the gate under the supervision of the superintending engineer.

Vessel owners to supply all blocks, &c., to shove their boats up to make the necessary repairs and all refuse to be properly cleared out to the entire satisfaction of the lockmaster before leaving the dock.

(O. C. Dec. 28, 1893.)

Sec. 40. The use of horses for towage purposes between the lower entrance of the Cornwall Canal and lock No. 20, be prohibited during the works of enlargement of that portion of the Cornwall Canal.

(O.C. Aug. 20, 1890.)

Sec. 41. As the prohibition of the use of horses for towing purposes, between the lower entrance of the Cornwall Canal and Lock No. 20 during the progress of the works of canal enlargement, has entailed the use of tugs and consequently expenses to the parties concerned, that all tugs, used solely for the purposes of towing on the section in question, be permitted to pass free of toll, up and down the canal between the lower entrance of the canal and lock No. 20, until the completion of the enlargement of the works on that section. (O. C. Sept. 27, 1890.)

SPECIAL RATES FOR 1902 ONLY.—1903. Free.

Sec. 42. For season of 1902 the Canal Tolls for the passage of the following food products :—wheat, Indian corn, pease, barley, rye, oats, flax seed and buckwheat, for through passage eastward through the Welland Canal, be ten cents per ton, and for through passage eastward through the St. Lawrence Canals only, ten cents per ton ; payment of the said toll of ten cents per ton through the Welland Canal to entitle these products to free passage through the St. Lawrence Canals, or any portion thereof. (O. C. April 1, 1902.) Also special rates, are granted to grain, &c., carried on the O. A. & P. S. and Canada Atlantic Railway systems, from Depot Harbour to Coteau Landing and thence by Canal to Montreal, as follows, viz. :—Wheat, Indian corn, pease, barley, rye, oats, flaxseed and buckwheat, 2½ cents per ton, and all rolling and package freight, 5 cents per ton. (O. C. April 1, 1902.) Free, O.C., April 27, 1903.

Sec. 43. (a.) That for the current season of navigation of 1902, there shall be allowed in the case of steamships specially chartered for the conveyance of excursion parties, going and coming the same day, a reduction of one-half of the usual passenger tolls for passage through the Government canals, it being distinctly understood that no freight is to be carried by the said steamers on such excursions. (O. C. April 25, 1902.) Free, O.C., April 27, 1903.

Sec. 43. (b.) Whereas the Canal Tolls payable for passage through the Welland and St. Lawrence Canals of barrel staves and headings, are 40 cents per 1,000 in the case of ordinary materials, such as those for sugar and flour barrels ; while in the case of staves and headings for salt barrels the charge is 8 cents per 1,000 only.

And whereas application is made to have this distinction removed on the ground that sugar and flour cooperage is of the same weight as salt cooperage.

SESSIONAL PAPER No. 20a

His Excellency in virtue of the provisions of chapter 38 of the Revised Statutes of Canada, intituled "An Act respecting the Department of Railways and Canals," and by and with the advice of the Queen's Privy Council for Canada, is pleased to order that Class 5 of the existing Tariff of tolls for passage through the Canals of the Dominion, established by the Order in Council of the 25th March, 1895, shall be and the same is hereby amended to the effect, and to that effect only, of removing the distinction between ordinary and salt barrel staves and headings, and making the tolls payable for these articles the same, namely, those present charged on salt barrel staves and headings, on all the Canals of the Dominion. (O. C. May 28, 1897.)

SPECIAL RATES ON SAND AND STONE.

Sec. 43. (c.) On the recommendation of the Acting Minister of Railways and Canals, the rate of tolls on sand and stone used in the construction of the bridge being built at Cornwall by the Ottawa and New York Railway was reduced from 15 and 20 cents to $7\frac{1}{2}$ and 10 cents respectively. (O. C. August 27, 1898.)

APPENDIX B

DOMINION CANALS

The canal systems of the Dominion, under government control in connection with lakes and navigable rivers, are as follows :—

First.—The through route between Montreal and the head of Lake Superior (14 feet minimum depth of water.)

	Miles.
1. Lachine Canal.....	8½
Lake St. Louis and River St. Lawrence.....	16
2. Soulanges Canal.....	14
Lake St. Francis and River St. Lawrence.....	33
3. Cornwall Canal.....	11
River St. Lawrence.....	5
4. Farran's Point Canal.....	1½
River St. Lawrence.....	10
5. Rapide Plat Canal.....	3¾
River St. Lawrence.....	4
6. Galops Canal.....	7½
River St. Lawrence and Lake Ontario.....	236
7. Welland Canal.....	26¾
Lake Erie, Detroit River, Lake St. Clair, Lake Huron, &c.	580
8. Sault Ste. Marie Canal.....	1¼
Lake Superior to Port Arthur.....	266
Total	<u>1,223½</u>
To Duluth.....	1,357
Chicago.....	<u>1,286</u>

Second.—Ottawa to Lake Champlain.

1. Grenville. 2. Carillon. 3. St. Anne's. 4. Chambly. 5. St. Ours Canals.

Third.—Ottawa to Kingston and Perth.

1. Rideau Canal.

Fourth.—Lake Ontario at Trenton to Lake Huron at mouth of River Severn.

1. Trent Canal (not completed).

Fifth.—Ocean to the Bras d'Or Lakes.

1. St. Peter's Canal.

SESSIONAL PAPER No. 20a

RIVER ST. LAWRENCE AND LAKES.

The River St. Lawrence with the system of canals established on its course above Montreal, and the Lakes Ontario, Erie, St. Clair, Huron and Superior, with connecting canals, afford a course of water communication extending from the Straits of Belle Isle to Port Arthur, at the head of Lake Superior, a distance of 2,200 statute miles. The distance to Duluth is 2,343 statute miles. The distance to Chicago, 2,272 miles.

From the Straits of Belle Isle, at the mouth of the St. Lawrence, to Montreal, the distance is 986 miles. From Quebec to Montreal, the distance is 160 miles. Owing to the shallowness of the waters on a portion of the river between these two places, particularly through Lake St. Peter, vessels drawing more than from ten to twelve feet were formerly barred from passage for the greater part of the season of navigation. In 1826, the question of deepening the channel was first definitely mooted, but it was not until 1844 that any dredging operations were begun. In that year, the deepening of a new straight channel was commenced, but the scheme was abandoned in 1847. In 1851 the deepening of the present channel was begun. At that time the depth of the channel at low water was 10 feet 6 inches. By the year 1869, this depth had been increased to 20 feet, by 1882 to 25 feet, and by the close of 1888 the depth of 27½ feet, at low water, was attained for a distance of 108 miles from Montreal to a point within tidal influence. This work is now being continued by the government of Canada, which in 1888, under the provisions of the Act 51 Vic., ch. 5, of that year, assumed the indebtedness. The channel has a minimum width of 300 feet, extending to 550 feet at points of curvature. The channel is lighted and buoyed.

Navigation, which is closed by ice during the winter months, opens about the end of April.

Montreal has by this work been placed at the head of ocean navigation, and here the canal systems of the River St. Lawrence begin, overcoming the various rapids by which the river channel upwards is obstructed, and giving access through the St. Lawrence canals, the Welland canal, the great lakes and the Sault Ste. Marie canal, to the head of Lake Superior.

The difference in level between the point on the St. Lawrence, near Three Rivers, where tidal influence ceases, and Lake Superior, is about 600 feet.

The Dominion canals, constructed between Montreal and Lake Superior, are the Lachine, Soulanges, Cornwall, Farran's Point, Rapide Plat, Galops, Murray, Welland and Sault Ste. Marie. Their aggregate length is 73 miles; total lockage (or height directly overcome by locks), 551 feet. The number of locks through which a vessel would pass in its passage from Montreal, at the head of ocean navigation, to the head of Lake Superior is 48. The Soulanges canal takes the place of the Beauharnois canal; the latter may be abandoned for navigation purposes.

Communication between Lakes Huron and Superior is obtained by means of the Canadian Sault Ste. Marie canal, and also by the St. Mary's Falls canal, situated on the United States side of the River St. Mary. Both these canals are free of toll.

It is important to note that the enlargement of the canals on the main route between Montreal and Lake Erie comprises locks of the following minimum dimensions: Length, 270 feet; width, 45 feet; depth of water on sills, 14 feet. The length of the vessels to be accommodated is limited to 255 feet. At Farran's, in the canal of that name, the lock is 800 feet long. A similar lock is built at Iroquois on the Galops canal, the object being to pass a full tow at one lockage.

LACHINE CANAL.

Length of canal	8½ statute miles.
Number of locks	5
Dimension of locks	270 feet by 45 feet.
Total rise or lockage	45 feet.
Depth of water) at two locks	18 "
) on sills.) at three locks	14 "
Average width of new canal	150 "

6-7 EDWARD VII., A. 1907

The old lift locks, 200 feet by 45 feet, are still available, with 9 feet of water on mitre sills.

The canal consists of one channel, with two distinct systems of locks, the old and the enlarged. There are two lock entrances at each end.

The canal extends from the city of Montreal to the town of Lachine, overcoming the St. Louis rapids, the first of the series of rapids which bars the ascent of the River St. Lawrence. They are 986 miles distant from the Straits of Belle Isle.

SOULANGES CANAL.

Length of canal.....	14 statute miles.
Number of locks { lift.....	4
guard.....	1
Dimensions of locks.....	280 feet by 45 feet.
Total rise or lockage....	84 feet.
Depth of water on sills.....	15 "
Breadth of canal at bottom.....	100 "
Breadth of canal at water surface....	164 "
Number of arc lights.....	219 of 2,000 c. p. each.

The canal extends from Cascade Point to Coteau Landing, overcoming the Cascade Rapids, Cedar Rapids and Coteau Rapids.

From the head of the Lachine to the foot of the Soulanges, the distance is sixteen miles.

CORNWALL CANAL.

Length of canal.....	11 statute miles.
Number of locks.....	6
Dimensions of locks.....	270 feet by 45 feet.
Total rise or lockage....	48 feet.
Depth of water on sills.....	14 "
Breadth of canal at bottom.....	100 "
Breadth of canal at water surface.....	164 "

The old lift locks, 200 feet by 45 feet, are also available, with nine feet of water on mitre sills.

From the head of the Soulanges to the foot of the Cornwall canal there is a stretch through Lake St. Francis, of 32 $\frac{3}{4}$ miles, which is being made navigable for vessels drawing fourteen feet.

The cornwall Canal extends past the Long Sault Rapids from the town of Cornwall to Dickinson's Landing.

WILLIAMSBURG CANALS.

The Farran's Point, Rapide Plat and Galops canals are collectively known as the Williamsburg Canals.

FARRAN'S POINT CANAL.

Length of canal.....	1 $\frac{1}{2}$ mile.
Number of locks.....	1
New lock.....	800 feet by 45 feet.
Old lock.....	200 "
Total rise or lockages.....	3 $\frac{1}{2}$ feet.
Depth of water on sills of new lock.....	14 "
Depth of water on sills of old lock.....	9 "
Breadth of canal at bottom.....	90 "
Breadth of canal at water surface.....	154 "

SESSIONAL PAPER No. 20a

From the head of the Cornwall canal to the foot of Farran's Point canal, the distance on the River St. Lawrence is five miles. The latter canal enables vessels ascending the river to avoid Farran's Point Rapid, passing the full tow at one lockage. Descending vessels run the rapids with ease and safety.

RAPIDE PLAT CANAL.

Length of canal.....	3 $\frac{2}{3}$ miles.
Number of locks.....	2
Dimensions of locks.....	270 feet by 45 feet.
Total rise or lockage.....	11 $\frac{1}{2}$ feet.
Depth of water on sills.....	14 "
Breadth of canal at bottom.....	80 "
Breadth of canal at surface of water.....	152 "

The old lift lock, 200 feet by 45, is also available, with nine feet of water on mitre sills.

From the head of Farran's Point canal to the foot of Rapide Plat canal, there is a navigable stretch of 10 $\frac{1}{2}$ miles. This canal was formed to enable vessels ascending the river to pass the rapids at that place. Descending vessels run the rapids safely.

GALOPS CANAL.

Length of canal.....	7 $\frac{3}{4}$ miles.
Number of locks.....	3
Dimensions of locks. { one of which is }	2-270 by 45.
{ a guard lock. }	1-800 by 45.
Total rise of lockage.....	15 $\frac{1}{2}$ feet.
Depth of water on sills.....	14 "
Breadth of canal at bottom.....	80 "
Breadth of canal at surface of water.....	144 "

From the head of Rapide Plat canal to Iroquois, at the foot of the Galops canal, the St. Lawrence is navigable 4 $\frac{1}{2}$ miles. The canal enables vessels to overcome the rapids at Pointe aux Iroquois, Point Cardinal and the Galops.

MURRAY CANAL.

Length between eastern and western pier heads..	5 $\frac{1}{6}$ miles.
Breadth at bottom.....	80 feet.
Breadth at water surface.....	120 "
Depth below lowest known lake level.....	11 "
No locks.	

This canal extends through the Isthmus of Murray, giving connection westward between the head waters of the Bay of Quinté and Lake Ontario, and thus enabling vessels to avoid the open lake navigation.

WELLAND CANAL.

Main line from Port Dalhousie, Lake Ontario, to Port Colborne, Lake Erie.

	Old Line.	Enlarged or New Line.
Length of canal.....	27 $\frac{1}{2}$ miles	26 $\frac{3}{4}$ miles.
Pairs of guard-gates (formely 3).. Number of locks { lift.....	26	25
{ guard.....	1	1
Dimensions.....	{ 1 lock 200 x 45 1 lock 200 x 45 1 (tidal) 230 x 45 24 locks 150 x 45	{ 270 feet x 45 feet.
Total rise or lockage 326 $\frac{3}{4}$ feet....	326 $\frac{3}{4}$ feet	326 $\frac{3}{4}$ feet.
Dept of water on sills.....	10 $\frac{1}{4}$ "	14

WELLAND RIVER BRANCHES.

Length of canal—	
Port Robinson Cut to River Welland.	2,622 feet.
From the canal at Welland to the river, via lock at Aqueduct.	300 "
Chippewa Cut to River Niagara.	1,020 "
Number of locks—one at Aqueduct and one at Port Robinson.	2
Dimensions of locks.	150 by 26½ feet.
Total lockage from the canal at Welland down to River Welland.	10 feet.
Depth of water on sills.	9 feet 10 inches.

GRAND RIVER FEEDER.

Length of canal.	21 miles,
Number of locks.	2
Dimensions of locks.	{ 1 of 150 by 26½ feet. 1 of 200 by 45 "
Total rise or lockage.	7 to 8 feet.
Depth of water on sills.	9 feet.

PORT MAITLAND BRANCH.

Length of canal.	1¾ miles.
Number of locks	1
Dimensions of locks	185 feet by 45 feet.
Total rise of lockage.	7½ feet.
Depth of water on sills.	11 "

The Welland canal has two entrances from Lake Ontario, at Port Dalhousie, one for the old, the other for the new canal.

From Port Dalhousie to Allanburg, 11¾ miles, there are two distinct lines of canal in operation, the old line and the enlarged or new line.

From Allanburg to Port Colborne, a distance of 15 miles, there is only one channel, the old canal having been enlarged.

From the head of the Welland canal there is a deep water navigation through Lake Erie, the Detroit River, Lake St. Clair, the St. Clair River, Lake Huron and River St. Mary to the Sault canal, a distance of about 580 miles. From the Sault the distance through Lake Superior to Port Arthur is 266 miles, and to Duluth 400 miles.

SAULT STE. MARIE CANAL,

Length of canal, between the extreme ends of the entrance piers.	5,967 feet.
Number of locks.	1
Dimensions of locks.	900 ft. by 60 ft.
Depth of water on sills (at lowest known water level)	20 ft. 3 inches.
Total rise or lockage.	18 feet.
Breadth of canal at bottom.	141 ft. 8 inches.
Breadth at surface of water.	150 feet.

This canal has been constructed through St. Mary's Island, on the north side of the rapids of the River St. Mary, and, with that river, gives communication on Canadian

SESSIONAL PAPER No. 20a

territory between Lakes Huron and Superior. The masonry pier of the bridge carrying the Canadian Pacific Railway over the canal, which stood in the channel of the canal, forming an obstruction to navigation, has been removed; the swing now spanning the full width of the channel or prism of the canal.

MONTREAL, OTTAWA AND KINGSTON.

This route extends from the harbour of Montreal to the port of Kingston, passing through the Lachine canal, the navigation section of the lower River Ottawa, and the Ottawa canals, to the city of Ottawa; thence by the River Rideau and the Rideau canal to Kingston, on lake Ontario—a total distance of 245½ miles.

After leaving the Lachine canal the works constructed to overcome difficulties of navigation are :

Ottawa River Canals.

The Ste. Anne's Lock.	Grenville Canal.
Carillon Canal.	Rideau Canal.

The total lockage (not including that of the Lachine canal) is 509 feet—(345 rise 164 fall)—and the number of locks is 55.

The following table exhibits the intermediate distances from Montreal harbour :—

Sections of Navigation.	Interme- diate Distance.	Total Distance, from Montreal.
	Miles.	Miles.
The Lachine Canal.....	8½	
From Lachine to Ste. Anne's lock	15	23
Ste. Anne's lock and piers.....	1½	23
Ste. Anne's lock to Carillon canal.....	27	50
The Carillon canal....	3¼	51
The Carillon to Grenville Canal	6¼	57
The Grenville canal.....	5¾	63
From the Grenville canal to entrance of Rideau navigation.....	56	119
Rideau navigation ending at Kingston.....	126¼	245

STE. ANNE'S LOCK.

	Old Lock.	New Lock.
Length of canal.....	1/8 mile.	1/8 mile.
Number of locks.....	1	1
Dimensions of locks.....	190 x 45 feet	200 x 45 feet.
Total rise or lockage.....	3 feet.	3 feet.
Depth of water on sills.....	6 "	9 "

This work, with guide piers above and below, surmounts the Ste. Anne's rapids between Ile Perrot and the head of the Island of Montreal, at the outlet of that portion of the River Ottawa which forms the Lake of Two Mountains, 23½ miles from Montreal harbour.

THE CARILLON CANAL.

Length of canal.....	$\frac{3}{4}$ mile.
Number of locks.....	2
Dimensions of locks.....	200 x 45 feet.
Total rise or lockage.....	16 feet.
Depth of water on sills.....	9 "
Breadth of canal at bottom.....	100 "
Breadth of canal at water surface.....	110 "

This canal overcomes the Carillon rapids.

From Ste. Anne's lock to the foot of the Carillon canal there is navigable stretch of 27 miles, through the Lake of Two Mountains and the River Ottawa.

By the construction of the Carillon dam across the River Ottawa the water at that point is raised 9 feet, enabling the river above to be used for navigation.

GRENVILLE CANAL.

Length of canal.....	$5\frac{3}{4}$ miles.
Number of locks.....	5
Dimensions of locks.....	200 x 45 feet.
Total rise or lockage.....	$43\frac{3}{4}$ feet.
Depth of water on sills.....	9 "
Breadth of canal at bottom.....	40 to 50 feet.
Breadth of canal at surface of water.....	50 to 80 feet.

This canal, by which the Long Sault rapids are avoided, is about 56 miles below the city of Ottawa, up to which point the River Ottawa affords unimpeded navigation.

RIDEAU NAVIGATION.

The Rideau system connects the River Ottawa, at the city of Ottawa, with the eastern end of Lake Ontario, at Kingston.

Length of navigation waters.....	$126\frac{1}{4}$ miles.
Number of locks going from Ottawa to Kingston...	$\left\{ \begin{array}{l} 35 \text{ ascending.} \\ 14 \text{ descending.} \end{array} \right.$
Total lockage.....	$446\frac{1}{2}$ feet $\left\{ \begin{array}{l} 282\frac{1}{4} \text{ rise and} \\ 164 \text{ fall} \end{array} \right.$ at high water.
Dimensions of locks.....	134 x 33 feet.
Depth of water on sills.....	5 feet.
Navigation depth through the several reaches.....	$4\frac{1}{2}$ feet.
Breadth of canal reaches at bottom.	$\left\{ \begin{array}{l} 60 \text{ feet in earth.} \\ 54 \text{ feet in rock.} \end{array} \right.$
Breadth of canal at surface of water.....	80 feet in earth.

PERTH BRANCH.

Length of canal.....	6 miles.
Number of locks.....	2
Dimensions of locks.....	134 feet x 32 feet.
Total rise or lockage.....	26 "
Depth of water on sills.....	5 " 6 inches.
Length of dam.....	200 "
Breadth of canal at bottom.....	40 "
Breadth of canal at surface of water.....	$\left\{ \begin{array}{l} 40 \text{ " in rock.} \\ 60 \text{ " in clay.} \end{array} \right.$

SESSIONAL PAPER No. 20a

The Perth branch of the Rideau canal affords communication between Beveridge's bay, on Lake Rideau, and the town of Perth.

The summit level of the Rideau system is at upper Lake Rideau, but several of the descending reaches are also supplied by waters which have been made tributary to them. The following description gives the sources of supply :—

From the summit, the route towards Ottawa follows the Rideau river, and that towards Kingston follows the River Cataraqui. The supply of water for the canal is derived from the reserves given in detail below.

These may be divided into three systems, viz :—

- 1. The summit level, supplied by the Wolfe lake system.
- 2. The eastern descending level to Ottawa, supplied by the River Tay system, discharging into Lake Rideau.
- 3. The south-west descending level to Kingston, supplied by the Mud lake system formerly known as the Devil lake system, discharging into Lake Openicon.

Lake Openicon receives the waters of Buck lake and Rock lake.

All these waters on the descending level, supplemented by those of Lake Loughboro', flow into Cranberry lake, which, discharging through Round Tail outlet, forms the River Cataraqui. The river, rendered navigable by dams at various points, affords a line of navigation to Kingston.

RICHELIEU AND LAKE CHAMPLAIN.

This system, commencing at Sorel, at the confluence of the Rivers St. Lawrence and Richelieu, 46 miles below Montreal, extends along the River Richelieu, through the St. Ours lock to the basin of Chambly ; thence, by the Chambly canal, to St. Johns, and up the River Richelieu to Lake Champlain. The distance from Sorel to the boundary line is 81 miles.

At Whitehall, the southern end of Lake Champlain is entered, and connection is obtained with the River Hudson, by which the city of New York is directly reached. From the boundary line to New York the distance is 330 miles.

The following table shows the distances between Sorel and New York :—

Section of Navigation.	Interme- diate Distance.	Total Distances.
	Miles.	Miles.
Sorel to St. Ours lock.....	14	14
St. Ours lock to Chambly canal	32	46
Chambly canal.....	12	58
Chambly canal to boundary line	23	81
Boundary line to Champlain canal	111	192
Champlain canal to junction with Erie canal.....	66	258
Erie canal, from junction to Albany.....	7	265
Albany to New York....	146	411

ST. OURS LOCK DAM.

- Length..... $\frac{1}{8}$ mile.
- Number of locks 1 “
- Dimensions of lock..... 200 feet by 45 feet.
- Total rise of lockage..... 5 “
- Depth of water on sills 7 feet at low water.
- Length of dam in eastern channel..... 300 “
- Length of dam in western channel..... 690 “

At St. Ours, 14 miles from Sorel, the River Richelieu is divided by a small island into two channels. The St. Ours lock is in the eastern channel.

There is a navigable depth in the Richelieu of 7 feet between St. Ours lock and Chambly basin, a distance of 32 miles.

CHAMBLY CANAL.

Length of canal.....	12 miles.
Number of locks.....	9

Dimensions of locks :—

Guard lock, No. 1 at St. Johns	122 feet.	} From 22½ to 24 feet wide.
Lift " 2	124 "	
" " 3, 4, 5, 6	118 "	
" " 7, 8, 9 combined.....	125 "	
Total rise or lockage.....	74 "	
Depth of water on sills.....	7 "	
Breadth of canal at bottom.....	36 "	
Breadth of canal at surface of water.....	60 "	

This canal succeeds the 32 miles of navigable water between St. Ours lock and Chambly basin. The canal overcomes the rapids between Chambly and St. Johns.

TRENT CANAL.

The term 'Trent canal' is applied to a series of water stretches, which do not, however, form a connected system of navigation, and which, in their present condition, are efficient only for local use. By various works this local use has been extended, and by others, now in progress and contemplation, this will become a through route between Lake Ontario and Lake Huron.

The series is composed of a chain of lakes and rivers, extending from Trenton, at the mouth of the River Trent, on the Bay of Quinté, Lake Ontario, to Lake Huron.

Many years ago the utilizing of these waters for the purpose of through water communication between Lake Huron and Lake Ontario was projected.

The course, as originally contemplated and modified, is as follows :—

Through the River Trent, Rice lake, the River Otonabee and Lakes Clear, Stony, Lovesick, Deer, Buckhorn, Chemong, Pigeon, Sturgeon and Cameron to Lake Balsam, the summit water, about 165 miles from Trenton ; from Lake Balsam by a canal and the River Talbot to Lake Simcoe ; thence by the River Severn to Georgian bay, Lake Huron ; the total distance being about 200 miles, of which only about 15 or 20 miles will be actual canal

The full execution of the scheme, commenced by the Imperial government in 1837, was deferred. By certain works, however, below specified, sections of these waters have been made practicable for navigation and the whole scheme is now being carried out. A branch of the main route, extending from Sturgeon lake south, affords communication with the town of Lindsay, and, through Lake Scugog to Port Perry, a distance of 190 miles from Trenton.

SESSIONAL PAPER No. 20a

The following table gives the distance of navigable and unnavigable reaches :—

	Navigable Miles.	Unnavigable Miles.
From Trenton, Bay of Quinté to Nine Mile rapids.	—	9
Nine Mile rapids to Percy landing.....	19½	—
Percy landing to Heeley's Falls dam.....	—	14½
Heeley's Falls dam to Peterborough.....	51¾	—
Peterborough to Lakefield.....	—	9
Lakefield to a point across Balsam lake.....	61	—
	132¼	32¾
Total distance, Bay of Quinté to a point across Balsam lake...		165
From Sturgeon Point on Sturgeon lake, 48¾ miles from Lake- field, the branch through the town of Lindsay to Port Perry at the head of Lake Scugog.....		27

The works by which the Trent navigation has been improved comprise canals, with locks and bridges, at Young Point, Burleigh Rapids, Lovesick, Buckhorn Rapids, Bobcaygeon, Fenelon Falls and Rosedale ; also dams at Lakefield, Young's Point, Burleigh Falls, Lovesick, Buckhorn, Bobcaygeon and Fenelon Falls. By these works there is afforded communication between Lakefield, 9½ miles from Peterborough, and Balsam lake, the headwaters of the system ; opening up a total of about 160 miles of direct and lateral navigation.

At Lakefield, 9½ miles from Peterborough, the dam at the head of the Nine Mile rapids of the River Otonabee, maintains navigation on Lake Katchewanoe up to Young's Point.

At Young's Point, 5 miles from Lakefield, the dam between Lake Katchewanoe and Clear lake controls the water level through Clear and Stony lakes up to the foot of the Burleigh canal. The lock here, it should be observed, is controlled by the Provincial government.

At Burleigh rapids, 10 miles from Young's Point, a canal, about 2¼ miles in length, passes the Burleigh and Lovesick rapids, and gives communication between Stony lake and Deer bay.

At Buckhorn rapids, 7 miles from Burleigh rapids, there is a canal about one-fourth of a mile long.

At Bobcaygeon, 15¾ miles from Buckhorn rapids, a dam, 553 feet long, controls the water level up to Fenelon Falls.

At Fenelon Falls, 15 miles from Bobcaygeon, a canal about one-third of a mile in length connects Sturgeon lake with Cameron lake.

The following is a list of the locks with their dimensions :—

- 1 Lock at Rosedale, (maintained by the Ontario government) 100' x 30' x 4' 6' to 6' 6" depth water on mitre sill.
- 2 Locks at Fenelon 134' x 33' x 5' 0" to 7' 6" depth water on mitre sill.
- 1 " Lindsay 134' x 33' x 5' 0" to 7' 6" " "
- 1 " Bobcaygeon . . 134' x 33' x 5' 8" to 7' 0" " "
- 1 " Buckhorn . . . 134' x 33' x 5' 0" to 9' 0" " "
- 1 " Lovesick 134' x 33' x 5' 0" to 9' 4" " "
- 2 " Burleigh 134' x 33' x 6' 0" to 8' 0" " "
- 1 " Young's Point (a Provincial government work) 134' x 33' x 5' 0" to 14' 0" depth water on mitre sill.
- 1 " Peterborough.. 134' x 33' x 5' 0" to 10' 0" depth water on mitre sill.
- 1 " Hastings . . . 134' x 33' x 7' 0" to 10' 6" " "
- " " Chisholms . . . 134' x 33' x 5' 0" to 8' 6" " "

6-7 EDWARD VII., A. 1907

ST. PETER'S CANAL, CAPE BRETON.

Length of canal	About 2,400 feet.
Breadth at water line.....	50 feet.
Lock.....	One tidal lock, 4 pairs of gates.
Dimensions.....	200 feet by 48 feet.
Depth of water on sills....	18 " at lowest water.
Depth through canal..	19 "
Extreme rise and fall of tide in St. Peter's Bay	4 "

This canal connects St. Peter's bay on the northern side of Cape Breton, Nova Scotia, with the Bras d'Or lakes. It crosses an isthmus half a mile in width, and gives access from the Atlantic.

BEAUHARNOIS CANAL.

Length of canal	12 statute miles.
Number of locks	9.
Dimensions of locks.....	200 feet by 45 feet.
Total rise or lockage.....	82½ "
Depth of water on sills	9 "
Breadth of canal at bottom.....	80 "
Breadth of canal at water surface.....	120 "

As the new Soulanges canal is now opened for navigation, it is to be presumed that the Beauharnois canal will be abandoned for navigation purposes.

SESSIONAL PAPER No. 20a

ST. LAWRENCE NAVIGATION—TABLE OF DISTANCES.
FROM STRAITS OF BELLE-ILE TO PORT ARTHUR, AT HEAD OF LAKE SUPERIOR,
BY WATER.

From	To	Sections of Navigation.	Statute Miles.	
			Inter- mediate.	Total to Straits of Belle-Ile.
Straits of Belle-Ile.....	Cape Whittle.....	Gulf of St. Lawrence ...	240	240
Cape Whittle.....	West Point, Anticosti.....	"	201	441
West Point, Anticosti.....	Father Point.....	River St. Lawrence.....	202	643
Father Point	Rimouski	"	6	649
Rimouski.....	Bic	"	12	661
Bic.....	Isle Verte.....	"	39	700
Isle Verte (opp. Saguenay).	Quebec	"	126	826
Quebec.....	Three Rivers	" to Tide-water	74	900
Three Rivers.....	Montreal.....	"	86	986
Montreal.....	Lachine	Lachine Canal.....	8½	994½
Lachine.....	Beauharnois	Lake St. Louis.....	15¼	1,009¾
Beauharnois.....	Ste. Cécile.....	Beauharnois Canal ..	11¼	1,021
Ste. Cécile.....	Cornwall.....	Lake St. Louis.....	32¾	1,053¾
Cornwall.....	Dickinson's Landing.....	Cornwall Canal.....	11½	1,065½
Dickinson's Landing.....	Farran's Point.....	River St. Lawrence.....	5	1,070½
Farran's Point.....	Upper end of Croyle's Island.	Farran's Point.....	¾	1,071
Upper end Croyle's Island.	Williamsburg or Morrisburg....	River St. Lawrence.....	10½	1,081½
Williamsburg.....	Rapide Plat.....	Rapide Plat Canal ..	4	1,085½
Rapide Plat.....	Point Iroquois Village.....	River St. Lawrence.....	4½	1,090
Point Iroquois Village.....	Upper end Presqu'Ile	Point Iroquois Canal ..	3	1,093
Presqu'Ile	Point Cardinal, Edwardsburg ..	Junction Canal.....	2½	1,095½
Point Cardinal	Head of Galops Rapids.....	Galops Canal	2	1,097½
Galops Rapids	Prescott	River St. Lawrence.....	7¾	1,105
Prescott	Kingston.....	"	59	1,164
Kingston.....	Port Dalhousie.....	Lake Ontario.....	170	1,334
Port Dalhousie.....	Port Colborne.....	Welland Canal.....	26¾	1,360¾
Port Colborne.....	Amherstburg	Lake Erie	232	1,592¾
Amherstburg	Windsor.....	River Detroit.....	18	1,610¾
Windsor.....	Foot of St. Mary's Island.....	Lake St. Clair.....	25	1,635¾
Foot of St. Mary's Island..	Sarnia.....	River St. Clair.....	33	1,668¾
Sarnia	Foot of St. Joseph's Island.....	Lake Huron	270	1,938¾
Foot of St. Joseph's Island.	Foot of Sault Ste. Marie.....	River St. Mary.....	47	1,985¾
Sault Ste. Marie.....	Head of Sault Ste. Marie.....	Sault Ste. Marie Canal..	1	1,986¾
Head of Sault Ste. Marie..	Pointe aux Pins	River St. Mary.....	7	1,993¾
Pointe aux Pins	Port Arthur.....	Lake Superior.....	266	2,259¾
Port Arthur to Lake Shebandowan ..			45	
Lake Shebandowan to North-west Angle.....			312	
North-west Angle to Winnipeg.....			95	
Pointe aux Pins to Duluth.....			390	

Of the 2,259¾ miles from the Straits of Belle-Ile to the head of Lake Superior, 71 miles are artificial navigation, and 2,188¾ open navigation.
Straits of Belle-Ile to Liverpool, 1,942 geographical or 2,234 statute miles.
The total fall from Lake Snperior to Tide-water is about 600 feet.
The steamboat voyage from Collingwood to Port Arthur is 532 miles.

TABLE of distances of Stations between the cities of Ottawa and Kingston,

No. of Station.	Name of Station.	Distances from Ottawa.	Locks.		Dams.			Length of Arti- ficial Canal at each Station in miles.
			No.	Lift at Low Water.	No.	Length.	Height.	
				Rise. Ft. In.					Feet.	Feet.
1	Ottawa.....	0	8	82 0	3	<div><div>230</div><div>1,320</div><div>1,616</div></div>	<div><div>13</div><div>33</div><div>14</div></div>	4 00
2	Hartwell's.....	4 ¹ / ₄	2	22 0	..	100	28	
3	Hogsback.....	5 ¹ / ₂	2	13 6	1	320	60	
4	Black Rapids.....	9 ¹ / ₂	1	10 0	1	300	12	0 13
5	Long Island.....	14 ³ / ₄	3	27 0	3	850	68	6 13
6	Burritt's.....	40 ³ / ₄	1	10 6	1	240	14	1 50
7	Nicholson.....	43 ³ / ₄	2	15 2	1	500	9	0 50
8	Clowes.....	44 ¹ / ₂	1	10 0	1	481	16	0 05
9	Merrickville.....	46 ¹ / ₄	3	25 0	1	150	6	0 33
10	Maitland.....	55	1	4 9	1	270	8	0 13
11	Edmunds.....	59 ¹ / ₂	1	10 10	1	343	8	0 06
12	Old Slys.....	60 ¹ / ₂	2	15 6	1	250	20	0 25
13	Smith's Falls.....	61 ¹ / ₂	4	33 9	2	600	24	0 13
14	First Rapids or Poonamalie.....	64	1	7 9	1	260	5	1 25
15	Narrows.....	83 ¹ / ₄	1	4 0	1	600	9	0 06
Total rise at low water .....		.....	.....	292 3				
				Fall.				
16	Isthmus.....	87 ¹ / ₂	1	4 0	.....	.....	.....	1 25
17	Chaffey's.....	92	1	12 6	.....	.....	.....	0 13
18	Davis.....	94 ¹ / ₂	1	9 0	1	300	15	0 06
19	Jones' Falls.....	97 ¹ / ₄	4	60 0	1	300	60	0 25
20	Brewer's Upper Mills.....	108 ¹ / ₄	2	19 0	1	200	20	1 75
21	" Lower Mills.....	110	1	14 2	1	200	12	4 25
22	Kingston Mills.....	120 ¹ / ₄	4	46 8	1	6,042	14	0 25
23	Kingston.....	126 ¹ / ₄	.....	.....	.....	.....	.....	.....
Total fall at low water.....		.....	.....	165 4				.....
Total.....		.....	47	.....	24	15,472	.....	16 46

INDEX

CANAL STATISTICS FOR SEASON OF NAVIGATION IN 1905.

	Page.
REVENUE	3
Statement of grain passed down the Welland Canal	4
" " to Montreal by Grand Trunk and C. P. Railways	4
" " " St. Lawrence Canals	5
" " to Seaboard by N. Y. Railways and Canals	6
" of Transhipment of Grain at Kingston and Prescott	7
" of East and West-Bound Freight	8-9
" of Division of Freight by Canals	11
" Statistical Comparison of various United States routes	11, 12, 13, 14
" Quantity of Grain and Rolling Freight from Coteau to Montreal	15
" Comparison of St. Mary's Falls, and Canadian Soo Canals	16
" Exports by Lake, from the Port of Chicago	17
 FREIGHT RATES	 18, 24
Reports of In transit trade	25, 29
Statement C Tonnage of Certain Articles through all the Canals of New York	33, 38
D " " " " the Welland Canal	34, 35
E " Cleared at Buffalo and Tonawanda through the Erie Canal	36
" " Oswego " "	37
F " " Downwards on the Welland Canal	38
G " through the Welland Canal in transit between Ports of the United States	39
H " of Vegetable Food, carried on Welland and New York Canals and the two principal Railways, competing for the carrying trade to Tidewater	40
I " Freight passed Down the Welland Canal in Canadian and United States Vessels	41
I " Freight passed Up the Welland Canal in Canadian and United States Vessels	45
I " Summary of Up and Down Freight on the Welland Canal	46
K of Freight passed Eastward from Lake Erie to Montreal	47
L " " Westward from Montreal to Lake Erie	49
M " " Eastward through the Welland Canal from the United States to United States Ports	51
N of Vessels and their cargoes of Grain from Ports West of Port Colborne to Montreal, quantity transhipped at Kingston and Prescott and quantity taken to Montreal	53, 54, 55
Recapitulation of Statement N	56
O Quantity of Grain passed down the Welland Canal to Kingston and Prescott, in Canadian and United States Vessels	57
P Recapitulation of Statement O	57
Q Comparative Statement of Grain to Kingston and Prescott for 1904 and 1905	58
R Vessels and their cargoes passed down the St. Lawrence Rapids	58
S Coal passed through the Welland Canal	59
T " " " St. Lawrence Canals	60
U Quantity of Freight passed down the Welland Canal to Montreal, quantity to Ontario Ports and quantity to United States Ports	61
Recapitulation of Statement U	73

